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# **POCKET YEAR BOOK AUSTRALIA 1992**

**IAN CASTLES**  
Australian Statistician

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## PREFACE

*Pocket Year Book Australia* is a companion publication to *Year Book Australia* (1301.0). It provides a broad statistical guide to Australia's economic and social environment, in a convenient pocket size.

Tables in this edition of *Pocket Year Book* have been lifted from the *Year Book Australia* and appear in the same sequence. However, due to size and space constraints, time series data have been limited to three years, quarters or months as opposed to *Year Book Australia*'s time series of six years, quarters or months.

## **SYMBOLS AND ABBREVIATIONS**

Yearly periods shown as e.g., 1991, refer to the year ended 31 December 1991; those shown as e.g., 1990-91, refer to the year ended 30 June 1991.

Values are shown in Australian dollars (\$) and cents (c).

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

## **SYMBOLS**

The following symbols have been used in the statistical tables:

- n.a. not available
- nil or rounded to zero
- .. not applicable
- \* subject to sampling variability too high for most practical uses
- p preliminary figure or series subject to revision
- r figure or series revised since previous issue
- n.e.c. not elsewhere classified

## **SYMBOLS AND ABBREVIATIONS — *continued***

### **ABBREVIATIONS**

The following abbreviations have been used in the statistical tables:

°C	degrees Celsius
\$m	dollars million
GL	gigalitres
Gt	gigatonnes
f.o.b.	free on board
ha	hectares
kg	kilogram
km	kilometres
kt	kilotonnes
ML	megalitres
mm	millimetres
mill.	million
no.	number
%	per cent
km <sup>2</sup>	square kilometres
TL	teralitres
t	tonnes

## **SYMBOLS AND ABBREVIATIONS -- *continued***

The following abbreviations are used for the titles of the Australian States and Territories and for Australia:

- NSW New South Wales
- Vic. Victoria
- Qld Queensland
- SA South Australia
- WA Western Australia
- Tas. Tasmania
- NT Northern Territory
- ACT Australian Capital Territory
- Aust. Australia

## Chapter One

# Geography and Climate

### AREA, COASTLINE, TROPICAL AND TEMPERATE ZONES, AND STANDARD TIMES

State/Territory	Estimated area km <sup>2</sup>	Length of coastline km	Percentage of total area		Standard times	
			Tropical zone	Temperate zone	Meridian selected	Ahead of GMT(a)
NSW	801,600	1,900	..	100	150°E	100
Vic	227,600	1,800	..	100	150°E	100
Qld	1,727,200	7,400	54	46	150°E	100
SA	984,000	3,700	..	100	142°30'E	95
WA	2,525,500	12,500	37	63	120°E	80
Tas	87,800	3,200	..	100	150°E	100
NT	1,346,200	6,200	81	19	142°30'E	95
ACT	2,400	(b)35	..	100	150°E	100
Aust.	7,682,300	36,735	39	61	..	..

(a) Greenwich Mean Time. During daylight saving periods, an hour should be added to the times in this column. (b) Jervis Bay Territory.

Source: Bureau of Meteorology.

**AREA DISTRIBUTION OF MEDIAN ANNUAL RAINFALL  
(per cent)**

<i>Median annual rainfall</i>	NSW(a)	Vic.	Qld	SA	WA	Tas.	NT	Aust.
Under 200 mm	8.0		10.2	74.2	43.5		15.5	29.6
200 to 300 mm	20.3	6.3	13.0	13.5	29.6		35.6	22.9
300 to 400 mm	19.0	19.2	12.3	6.8	10.5		9.0	11.2
400 to 500 mm	12.4	11.8	13.5	3.2	4.3		6.6	7.8
500 to 600 mm	11.3	14.1	11.6	1.8	3.1	12.2	5.8	6.6
600 to 800 mm	15.1	24.5	20.5	0.5	4.6	18.2	11.6	10.7
800 to 1,200 mm	11.3	17.7	12.6		3.7	25.0	9.6	7.7
Above 1,200 mm	2.6	6.4	6.3		0.7	44.6	8.3	3.7
<b>Total</b>	<b>100.0</b>							

(a) Includes Australian Capital Territory.

Source: Bureau of Meteorology.

## EXTREME MAXIMUM TEMPERATURES

Station	°C	Date
New South Wales		
Bourke	52.8	17.1.1877
Wilcannia	50.0	11.1.1939
Menindee	49.7	10.1.1939
Victoria		
Mildura	50.8	6.1.1906
Swan Hill	49.4	18.1.1906
Queensland		
Cloncurry	53.1	16.1.1889
Winton	50.7	14.12.1888
Birdsville	49.5	24.12.1972
South Australia		
Oodnadatta	50.7	2.1.1960
Marree	49.4	2.1.1960
Whyalla	49.4	2.1.1960
Western Australia		
Eucia	50.7	22.1.1906
Mundrabilla	49.8	3.1.1979
Forrest	49.8	13.1.1979
Madura	49.4	7.1.1971
Tasmania		
Bushy Park	40.8	26.12.1945
Hobart	40.8	4.1.1976
Northern Territory		
Finke	48.3	2.1.1960
Jervois	47.5	3.1.1978
Australian Capital Territory		
Canberra (Acton)	42.8	11.1.1939

Source: Bureau of Meteorology.

## 4 Geography and Climate

### EXTREME MINIMUM TEMPERATURES

Station	°C	Date
New South Wales		
Charlotte Pass	-22.2	14.7.1945
Kiandra	-20.6	2.8.1929
Perisher Valley	-19.5	23.7.1979
Victoria		
Mount Hotham	-12.8	30.7.1931
Omeo	-11.7	15.6.1965
Hotham Heights	-11.1	15.8.1968
Queensland		
Stanthorpe	-11.0	4.7.1895
Warwick	-10.6	12.7.1965
Mitchell	-9.4	15.8.1979
South Australia		
Yongala	-8.2	20.7.1976
Yunta	-7.7	18.7.1976
Ernabella	-7.6	19.7.1983
Western Australia		
Booylgoor Springs	-6.7	12.7.1969
Wandering	-5.7	1.6.1964
Tasmania		
Shannon	-13.0	30.8.1983
Butlers Gorge	-13.0	30.6.1983
Tarraleah	-13.0	30.8.1983
Northern Territory		
Alice Springs	-7.5	12.7.1976
Tempe Downs	-6.9	24.7.1971
Australian Capital Territory		
Gudgenby	-14.6	11.7.1971

Source: Bureau of Meteorology.

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## Chapter Two

# Government

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### LEADERS OF THE GOVERNMENT, JUNE 1992

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Commonwealth	THE HON. P.J. KEATING, MP, (NSW) (ALP)
NSW	THE HON. N.F. GREINER, MLA (LP)
Vic.	THE HON. J. KIRNER, MLA (ALP)
Qld	THE HON. W.K. GOSS, MLA (ALP)
WA	THE HON. C.M. LAWRENCE, MLA (ALP)
SA	THE HON. J.C. BANNON, MP (ALP)
Tas.	THE HON. R.J. GROOM, MHA (LP)
NT	THE HON. M. PERRON, MLA (CLP)
ACT	THE HON. R. FOLLETT, MLA (ALP)

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Source: *Department of the Parliamentary Library*.

### REPRESENTATION ENTITLEMENTS OF THE STATES AND TERRITORIES

---

<i>State/Territory</i>	<i>1984</i>	<i>1988</i>	<i>1991</i>
<i>State</i>			
NSW	51	51	50
Vic.	39	38	38
Qld	24	24	25
SA	13	13	12
WA	13	14	14
Tas.	5	5	5
<i>Territory</i>			
NT	1	1	1
ACT	2	2	2
<b>Total Parliament</b>	<b>148</b>	<b>148</b>	<b>147</b>

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Source: *Department of the Parliamentary Library*.

**COMMONWEALTH PARLIAMENT ELECTIONS, 24 MARCH 1990**

<b>HOUSE OF REPRESENTATIVES</b>	
<b>Electors enrolled</b>	<b>10,728,131</b>
Number of votes recorded for	
Australian Labor Party	3,904,138
Liberal Party	3,440,902
National Party	833,557
Country National Party	27,668
Australian Democrats	1,114,216
Call to Australia	96,497
Others	482,696
Formal votes	9,899,674
Informal votes	326,126
<b>Total votes recorded</b>	<b>10,225,800</b>
<b>SENATE</b>	
<b>Electors enrolled</b>	<b>10,728,131</b>
Number of votes recorded for	
Australian Labor Party	3,813,547
Liberal Party	1,445,872
National Party	258,164
Liberal-National Party	2,429,552
Country Liberal Party	29,045
Australian Democrats	1,253,807
Call to Australia	136,522
Western Australian Green Party	76,381
Environment Independents	74,668
Others	412,207
Formal votes	9,929,765
Informal votes	349,065
<b>Total votes recorded</b>	<b>10,278,830</b>

Source: Department of the Parliamentary Library.

## Chapter Three

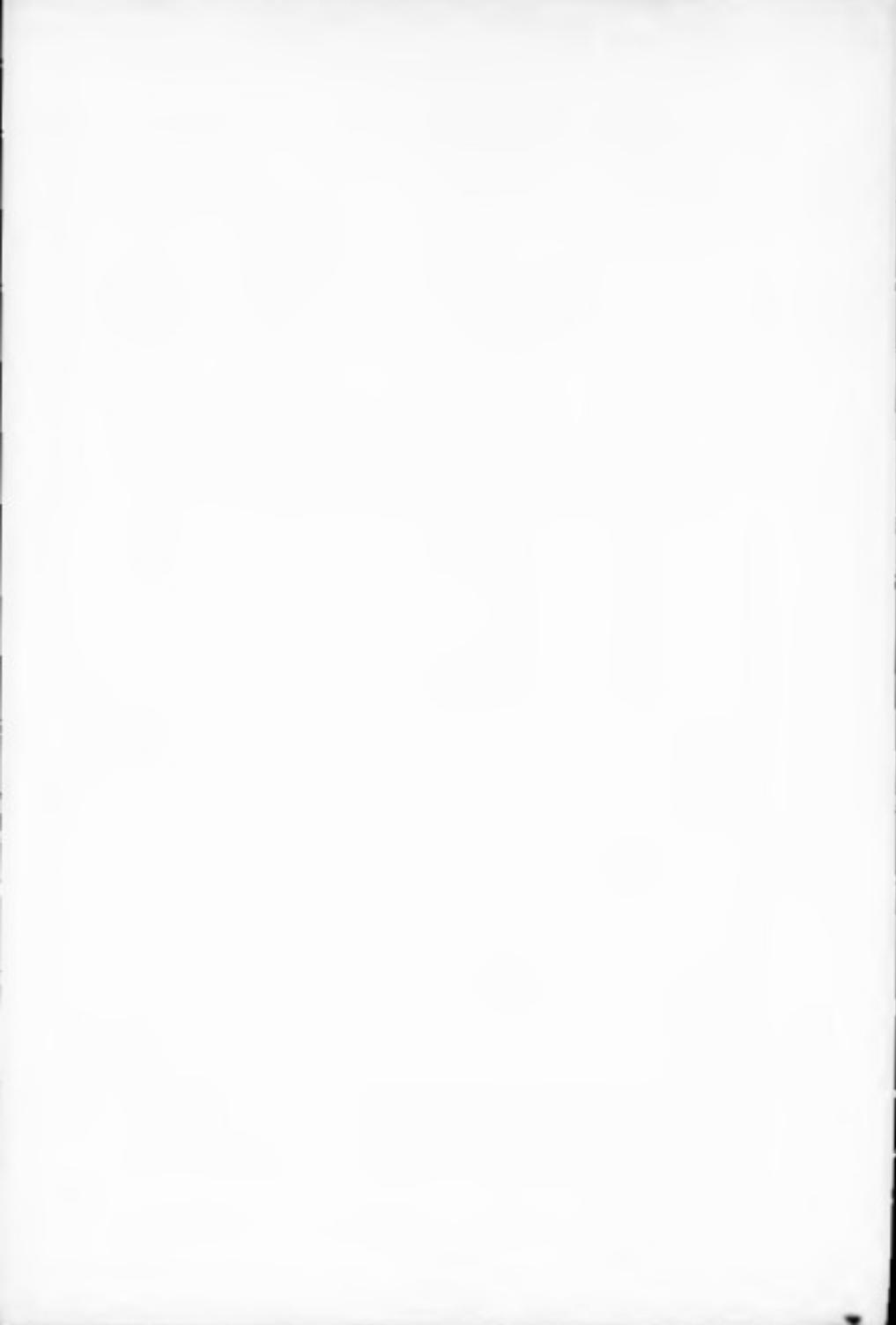
# Territories of Australia

### NORFOLK ISLAND: REVENUE AND EXPENDITURE (\$'000)

	1987-88	1988-89	1989-90
REVENUE			
Customs duty	1,902	1,881	2,005
Liquor service	611	632	658
Company fees	108	80	79
Postal operations	272	20	20
Vehicle registration and licence fees	136	132	181
Departure fees	272	278	226
Public works levy	249	263	261
Fuel levy	142	167	164
Telecommunications	185	185	203
Electricity service	115	190	215
All other(a)	688	984	1,096
Interest on investments	336	437	544
<b>Total revenue</b>	<b>5,018</b>	<b>5,249</b>	<b>5,852</b>
EXPENDITURE			
Administration	1,343	1,193	1,259
Education services	880	865	942
Health and welfare services	611	619	740
Repairs and maintenance	777	774	781
Capital works and services	638	507	588
Miscellaneous services	509	996	1,133
Legislative Assembly	182	167	207
<b>Total expenditure</b>	<b>4,940</b>	<b>5,121</b>	<b>5,650</b>

(a) 'All other revenue' is made up of sundry classifications none of which individually exceeds \$100,000.

Source: Department of the Arts, Sport, the Environment and Territories



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## Chapter Four

# International Relations

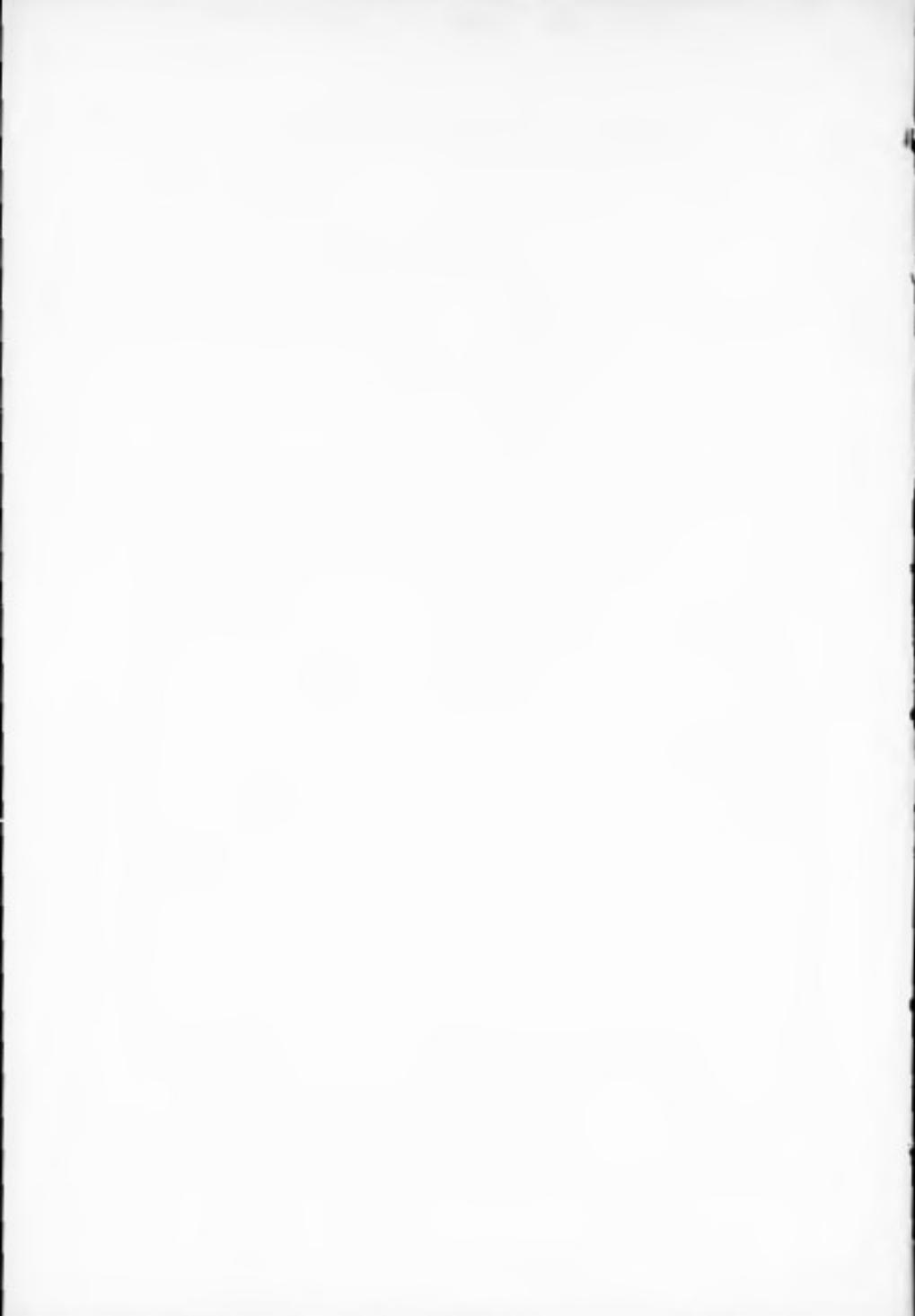
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### AUSTRALIAN AID FLOWS TO MAJOR RECIPIENTS 1990-91(a)

Country	\$ million
Papua New Guinea	330.0
Indonesia	107.9
Philippines	50.1
China	40.2
Thailand	38.3
India	38.2
Malaysia	26.8
Fiji	22.7
Bangladesh	20.9
Ethiopia	15.7
Vanuatu	13.9
Solomon Islands	12.7
Western Samoa	12.3
Mozambique	11.8
Tonga	10.7
Egypt	10.1
Laos	8.4
Cambodia	8.3
Zimbabwe	6.8

(a) This includes assistance provided under both Country Programs and Global Programs.

Source: Department of Foreign Affairs and Trade.



## Chapter Five

# Defence

### DEFENCE EXPENDITURE, 1990-91

Program	\$'000
Forces Executive	970,723
Navy	1,414,819
Army	1,905,687
Air Force	1,566,991
Strategy and Intelligence	179,101
Acquisition and Logistics	2,347,342
Budget and Management	466,092
Science and Technology	215,004
<b>Total</b>	<b>9,065,759</b>

Source: Department of Defence

### DEFENCE SERVICE AND CIVILIAN PERSONNEL AS AT 30 JUNE 1991

	Males	Per cent	Females	Per cent
Navy	13,879	87.3	2,015	12.7
Army	28,195	90.5	2,948	9.5
Air Force	18,679	84.4	3,442	15.6
Australian Defence Force	60,753	87.8	8,405	12.2
Civilians	17,168	89.7	7,838	31.3
Reserves	24,732	83.4	4,938	16.6

Source: Department of Defence.



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## Chapter Six

# Demography

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### ESTIMATED RESIDENT POPULATION AND COMPONENTS OF GROWTH

	1989	1990	1991
Population ('000)	16,833.1	17,085.4	17,335.9
Annual rate of growth (%)			
Natural increase	0.79	0.79	0.83
Net migration	0.99	0.71	0.64
Total	1.78	1.50	1.47

Source: *Australian Demographic Statistics (3101.0)*.

### URBAN-RURAL DISTRIBUTION OF POPULATION AT SELECTED CENSUS DATES (per cent(a))

	1976	1981	1986
Urban	86.0	85.7	85.4
Rural	13.9	14.2	14.5

(a) Urban and rural proportions do not add up to 100 per cent as the proportion of migratory population is not included.

Source: *Census 86 — Summary Characteristics of Persons and Dwellings, New South Wales (2479.0); Victoria (2480.0); Queensland (2481.0); Western Australia (2482.0); South Australia (2483.0); Tasmania (2484.0); Northern Territory (2485.0); Australian Capital Territory (2486.0); Australia (2487.0)*.

## ESTIMATED RESIDENT POPULATION

<i>State/Territory</i>	<i>1989</i>	<i>1990</i>	<i>1991</i>
NSW	5,771,946	5,826,850	5,901,128
Vic.	4,321,484	4,379,822	4,427,371
Qld	2,834,097	2,906,778	2,972,004
SA	1,424,647	1,439,121	1,456,712
WA	1,594,745	1,633,825	1,665,945
Tas.	451,138	456,633	460,465
NT	158,323	157,277	158,779
ACT	278,705	285,077	293,531
<b>Aust.</b>	<b>16,833,085</b>	<b>17,085,383</b>	<b>17,335,933</b>

Source: Australian Demographic Statistics (3101.0); Estimated Resident Population by Sex and Age: States and Territories of Australia (3201.0).

## SEX RATIOS, PERCENTAGE AGE DISTRIBUTION AND MEDIAN AGES OF THE POPULATION

<i>30 June</i>	<i>Sex ratios(a)</i>				
	<i>Ages 15-24</i>	<i>Ages 15-44</i>	<i>All ages</i>	<i>Aust born</i>	<i>O'seas born</i>
1989	104.3	102.8	99.7	98.2	105.3
1990	104.4	102.8	99.7	98.2	105.1
1991	104.5	102.6	99.7	98.2	104.7

<i>30 June</i>	<i>Per cent of population aged</i>				
	<i>0-14</i>	<i>15-44</i>	<i>45-64</i>	<i>65+</i>	<i>Median ages(b)</i>
1989	22.1	47.9	19.0	11.0	31.9
1990	21.9	47.8	19.1	11.2	32.2
1991	21.8	47.6	19.2	11.4	32.5

(a) Males per 100 females (b) The median age is the age at which half of the population is older and half is younger.

Source: Estimated Resident Population by Sex and Age: States and Territories of Australia (3201.0); Estimated Resident Population by Country of Birth, Age and Sex, Australia (3221.0).

**BIRTHPLACE OF PARENTS OF AUSTRALIAN-BORN PERSONS  
CENSUS 1986**

<i>Birthplace of parents</i>	<i>Numbers</i>	<i>Percentage</i>
Both parents born in Australia	9,070,739	74.9
One parent born in Australia, one born overseas or not stated	1,857,548	13.7
Other	1,382,169	11.4
<b>Total</b>	<b>12,110,456</b>	<b>100.0</b>

Source: Census 86 — Summary Characteristics of Persons and Dwellings, Australia (2487.0).

**MAJOR RELIGIOUS GROUPS  
(per cent)**

<i>Religious group</i>	<i>1976</i>	<i>1981</i>	<i>1986</i>
Church of England	27.7	26.1	23.9
Catholic	25.7	26.0	26.1
Other Christian	25.2	24.3	23.0
<i>Total Christian</i>	<i>78.6</i>	<i>76.4</i>	<i>73.0</i>
Non-Christian	0.9	1.4	2.0
Not stated or no religion	20.5	22.3	25.0
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Source: Census of Population and Housing, 30 June 1976 — Population and Dwellings Summary Tables, Australia (2417.0), Census 86 — Summary Characteristics of Persons and Dwellings, Australia (2487.0) (1981, 1986).

**CRUDE BIRTH RATES AND TOTAL FERTILITY RATES  
SELECTED LOW FERTILITY COUNTRIES**

<i>Country</i>	<i>Crude birth rate</i>	
	<i>1970</i>	<i>Latest year</i>
Australia	20.8	15.4 (1990)
Canada	17.4	15.0 (1989)
France	18.7	13.5 (1990)
Germany(a)	13.3	11.5 (1990)
Germany(b)	13.9	10.5 (1990)
Italy	16.8	9.8 (1990)
Japan	18.8	10.0 (1990)
New Zealand	22.1	17.5 (1989)
Spain	19.6	10.2 (1990)
United Kingdom	16.2	13.9 (1990)
United States of America	18.2	16.7 (1990)

<i>Country</i>	<i>Total fertility rate(c)</i>	
	<i>1970</i>	<i>Latest year</i>
Australia	2.86	1.91 (1990)
Canada	2.28	1.66 (1987)
France	2.47	1.80 (1990)
Germany(a)	2.01	1.48 (1990)
Germany(b)	n.a.	1.41 (1990)
Italy	2.37	1.27 (1990)
Japan	2.07	1.57 (1989)
New Zealand	3.16	2.10 (1989)
Spain	2.87	1.33 (1990)
United Kingdom	2.38	1.85 (1990)
United States of America	2.46	2.09 (1990)

(a) Formerly West Germany (b) Formerly East Germany. (c) The total fertility rate is the sum of the age-specific birth rates. It represents the number of children that would be born to a female who experienced, throughout her child-bearing life, the age specific rates for the year shown.

Source: Population No. 4, 1991, Review of L'Institut National D'Etudes Demographique, Paris

## AGE-SPECIFIC BIRTH RATES AND TOTAL FERTILITY

	Annual average		
	1976-80	1981-85(a)	1986-90
<b>Age group (per 1000 women)</b>			
15-19(b)	30.7	25.7	21.0
20-24	116.4	100.8	83.0
25-29	143.9	144.5	138.8
30-34	73.8	82.0	94.1
35-39	23.8	25.4	30.8
40-44	4.8	4.4	4.8
45-49(c)	0.3	0.3	0.2
<b>Total fertility (per woman)</b>	<b>1.968</b>	<b>1.915</b>	<b>1.864</b>

(a) Rates are adjusted for late registrations of births in New South Wales in 1984. (b) Includes births to mothers aged less than 15. (c) Includes births to mothers aged 50 and over.

Source: Births, Australia (3301.0).

## LIFE EXPECTANCY AT VARIOUS AGES

At age (years)		1988	1989	1990
0	Males	73.1	73.3	73.9
	Females	79.5	79.6	80.0
1	Males	72.8	73.0	73.5
	Females	79.1	79.1	79.6
25	Males	49.8	50.0	50.5
	Females	55.6	55.6	56.1
45	Males	31.1	31.2	31.7
	Females	36.3	36.3	36.7
65	Males	14.8	14.7	15.2
	Females	18.7	18.7	19.0

Source: Deaths, Australia (3302.0).

## AGE-SPECIFIC DEATH RATES(a), ANNUAL AVERAGE

<i>Age group (years)</i>	<i>1976-80</i>	<i>1981-85(b)</i>	<i>1986-90</i>
<b>Males</b>			
0	13.6	11.0	9.8
1-4	0.7	0.6	0.5
5-9	0.3	0.3	0.2
10-14	0.4	0.3	0.3
15-19	1.4	1.2	1.0
20-24	1.7	1.5	1.5
25-29	1.4	1.3	1.4
30-34	1.3	1.3	1.4
35-39	1.9	1.5	1.5
40-44	3.0	2.4	2.1
45-49	5.2	4.1	3.3
50-54	8.6	7.2	5.9
55-59	13.8	12.2	10.2
60-64	22.2	19.2	19.2
65-69	35.3	31.1	27.3
70-74	54.2	49.4	44.5
75-79	87.7	78.0	70.7
80-84	127.9	119.1	110.0
85 and over	210.7	205.6	188.6
<b>Females</b>			
0	10.7	8.9	7.5
1-4	0.5	0.5	0.4
5-9	0.2	0.2	0.2
10-14	0.2	0.2	0.2
15-19	0.5	0.4	0.4
20-24	0.5	0.5	0.5
25-29	0.5	0.5	0.5
30-34	0.7	0.6	0.6
35-39	1.0	0.9	0.8
40-44	1.8	1.4	1.3
45-49	2.8	2.4	2.1
50-54	4.5	3.9	3.4
55-59	6.8	6.0	5.4
60-64	10.8	9.6	8.6
65-69	16.9	15.3	14.0
70-74	27.9	25.3	23.9
75-79	48.4	43.3	40.3
80-84	84.0	76.4	70.8
85 and over	168.4	160.5	150.2

(a) Deaths per 1,000 mid-year population. (b) Adjusted for late registrations in New South Wales.

Source: Deaths, Australia (3302.0).

## STANDARDISED DEATH RATES(a), CAUSES OF DEATH

Cause of death	1986		1989		1990	
	Males	Females	Males	Females	Males	Females
Neoplasms	214	130	216	128	212	127
Endocrine, nutritional & metabolic diseases	17	13	19	13	21	12
Cardiovascular diseases	292	159	272	150	250	139
Cerebrovascular diseases	73	66	67	59	61	55
Other circulatory diseases	31	20	29	19	28	18
Respiratory diseases	73	27	84	36	69	30
Diseases of the digestive system	28	17	29	16	26	16
Diseases of infancy	12	10	11	9	11	9
External causes(b)						
Accidents	48	20	46	19	43	18
Violence, suicide	21	7	22	6	23	6
Other	52	38	57	42	54	40
Total	661	507	652	498	799	470

(a) Per 100,000 persons, standardised to age distribution for persons, 1981.

(b) Includes poisoning.

Source: Unpublished ABS data.

## REGISTERED MARRIAGES: RELATIVE PREVIOUS MARITAL STATUS AND CRUDE MARRIAGE RATE, ANNUAL AVERAGE

	1976-80	1981-85	1986-90
Both partners never married			
Number	73,401	77,003	77,877
Per cent	69.1	67.5	67.1
One or both partners previously married			
Number	32,896	37,035	38,118
Per cent	30.9	32.5	32.9
All marriages	106,297	114,038	115,995
Crude marriage rate	7.4	7.4	7.0

Source: Marriages, Australia (3306.0)

## DIVORCES

Period	Number
Annual average	
1976-80	45,220
1981-85	42,396
1986-90	40,833
Annual total	
1988	41,007
1989	41,383
1990	42,635

Source: *Divorces, Australia (3307.0)*.

## BIRTHPLACE OF SETTLER ARRIVALS(a)

Birthplace	1981-85		1986-90	
	('000)	(%)	('000)	(%)
United Kingdom and Ireland	115.9	25.2	123.7	19.5
New Zealand	48.6	10.6	80.7	12.7
Italy	4.3	0.9	2.3	0.4
Yugoslavia	7.3	1.6	12.7	2.0
Greece	3.9	0.8	3.5	0.6
Vietnam	47.2	10.3	43.1	6.8
Germany	11.6	2.5	6.3	1.0
United States of America	8.4	1.8	9.6	1.5
Lebanon	7.0	1.5	15.1	2.4
Netherlands	6.4	1.4	2.6	0.4
India	8.3	1.8	15.0	2.4
South Africa	12.2	2.7	16.9	2.7
Poland	14.8	3.2	8.4	1.3
Turkey	3.7	0.8	5.8	0.9
Philippines	15.4	3.4	37.4	5.9
Malaysia	10.4	2.3	28.7	4.5
Hong Kong	9.9	2.2	32.4	5.1
Kampuchea	10.3	2.2	5.0	0.8
Other	113.8	24.8	186.6	29.3
Total	459.4	100.0	635.8	100.0

(a) Permanent arrivals only.

Source: *Overseas Arrivals and Departures, Australia (3404.0)*.

## REFUGEE ARRIVALS(a)

Period	Number
Annual average	
1976-80	12,558
1981-85	17,072
1986-90	10,995
Annual total	
1988	10,303
1989	11,883
1990	10,339

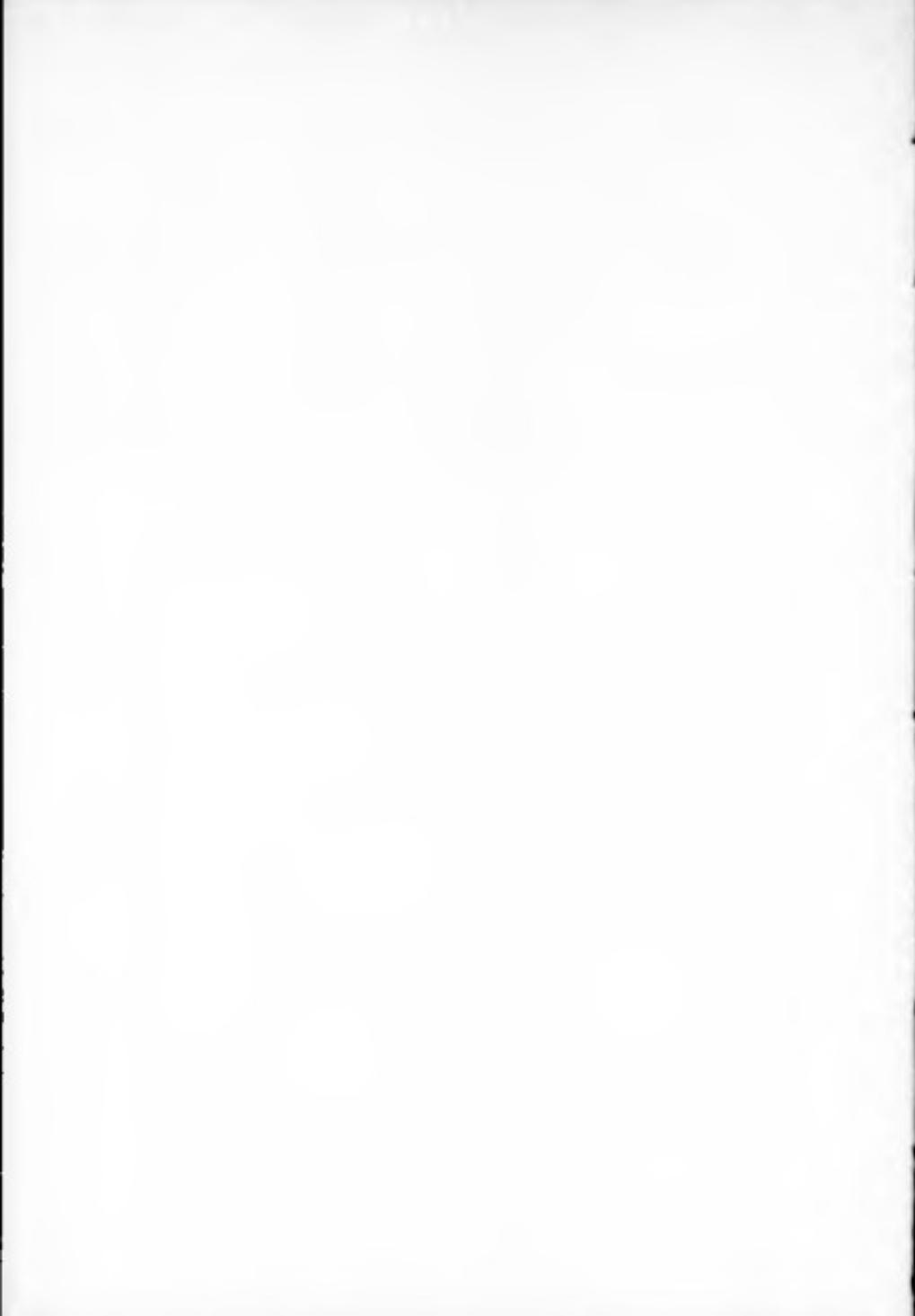
(a) Includes arrivals under the Special Humanitarian Program instituted late in 1981.

Source: Department of Immigration, Local Government and Ethnic Affairs.

## PERMANENT DEPARTURES AND ARRIVALS

	1976-80	1981-85	1986-90
Permanent departures			
Former settlers	69,133	64,122	57,610
Other residents	49,585	45,027	57,140
Total	118,718	109,149	114,750
Permanent arrivals	369,297	459,420	635,790
Ratio of departures to permanent arrivals	0.321	0.238	0.180

Source: Overseas Arrivals and Departures, Australia (3404.0).



## Chapter Seven

# Labour

### EMPLOYED PERSONS: STATUS OF WORKER ('000)

Annual average(a)	Employers	Self-employed	Wage and salary earners	Unpaid family helpers	Total
1988-89	367.4	734.4	6,371.9	66.5	7,540.3
1989-90	372.4	736.0	6,661.8	60.6	7,830.9
1990-91	368.4	763.2	6,589.6	67.1	7,788.3

(a) Averages calculated on quarterly estimates.

Source: *The Labour Force, Australia* (6203.0).

### EMPLOYED PERSONS BY OCCUPATION ANNUAL AVERAGE(a), 1990-91 ('000)

Occupation(b)	Males	Married females	All females	Persons
Managers and administrators	648.1	171.3	214.1	862.2
Professionals	595.2	255.7	412.7	1,007.8
Para-professionals	252.4	127.4	209.1	461.6
Tradespersons	1,065.6	66.0	118.0	1,183.5
Clerks	305.0	658.7	1,035.2	1,340.3
Salespersons and personal service workers	418.6	361.4	741.3	1,159.9
Plant and machine operators, and drivers	481.6	63.7	91.1	572.7
Labourers and related workers	780.8	281.8	419.5	1,200.3
<b>Total</b>	<b>4,547.3</b>	<b>1,988.0</b>	<b>3,241.0</b>	<b>7,788.3</b>

(a) Averages calculated on quarterly estimates. (b) Classified according to the Australian Standard Classification of Occupations (ASCO), 1986.

Source: *The Labour Force, Australia* (6203.0).

## CIVILIAN POPULATION AGED 15 AND OVER: LABOUR FORCE STATUS

Annual average(a)	Unemployed				Labour force	Civilian not in population the labour force	Civilian aged 15 years and over	Un- employ- ment rate	Partici- paton rate
	Employed	Looking for full-time work	Looking for part-time work	Total					
MALES									
1988-89	4,494.3	263.4	32.4	295.9	4,790.2	1,580.6	6,370.8	6.2	75.2
1989-90	4,622.2	248.2	34.4	282.6	4,904.7	1,587.7	6,492.4	5.8	75.5
1990-91	4,562.9	377.0	44.0	421.0	4,983.9	1,623.1	6,606.9	8.4	75.4
FEMALES									
1988-89	3,056.9	160.9	78.3	239.2	3,296.0	3,246.8	6,542.8	7.3	50.4
1989-90	3,218.1	154.8	77.6	232.4	3,450.5	3,212.4	6,662.9	6.7	51.8
1990-91	3,245.9	202.0	90.5	292.6	3,538.5	3,238.4	6,776.9	8.3	52.2

(a) Averages calculated on monthly estimates.

Source: *The Labour Force, Australia* (6203.0).

**EMPLOYED PERSONS: EMPLOYMENT/POPULATION RATIOS(a)**  
 (per cent)

Annual average(b)	Age group (years)								Total
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65+	
MALES									
1988-89	51.7	81.7	89.1	90.9	85.5	69.7	45.4	9.0	70.6
1989-90	53.0	82.0	89.8	90.9	86.6	71.3	46.2	9.1	71.2
1990-91	47.4	77.5	86.7	89.5	85.9	70.5	45.9	8.9	69.1
FEMALES									
1988-89	49.2	70.3	59.3	65.3	55.7	31.1	14.6	2.3	46.8
1989-90	50.5	71.0	61.7	68.3	57.7	31.3	15.0	2.2	48.3
1990-91	46.2	69.6	60.8	67.6	59.3	34.2	15.7	2.5	47.9
PERSONS									
1988-89	50.5	76.1	74.2	78.2	71.0	50.8	29.8	5.1	58.5
1989-90	51.8	76.6	75.8	79.6	72.5	51.6	30.5	5.1	59.6
1990-91	46.8	73.6	73.8	78.6	72.9	52.6	30.8	5.3	58.5

(a) Employment/population ratio for any group is the number of employed persons expressed as a percentage of the civilian population aged 15 and over in the same group. (b) Averages calculated on monthly estimates.

Source: *The Labour Force, Australia* (6203.0).

**EMPLOYED WAGE AND SALARY EARNERS: BY SECTOR, JUNE 1991  
('000)**

Sector	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Private	1,473.1	1,145.0	628.0	361.3	359.9	94.9	42.9	54.6	4,159.8
Public	565.5	444.9	266.4	152.4	162.3	48.1	22.2	73.3	1,735.1
Commonwealth	133.5	102.7	49.0	30.8	25.3	9.1	4.2	53.7	408.3
State	372.0	296.1	188.4	112.9	125.7	35.2	16.6	19.6	1,166.5
Local	60.0	46.2	29.0	8.6	11.3	3.8	1.4	—	160.3
<b>Total</b>	<b>2,038.6</b>	<b>1,589.9</b>	<b>894.5</b>	<b>513.7</b>	<b>522.1</b>	<b>143.0</b>	<b>65.1</b>	<b>127.9</b>	<b>5,894.9</b>

Source: *Employed Wage and Salary Earners, Australia* (8248.0).

**APPRENTICES: INDUSTRY AND SECTOR, MAY 1991**  
 ('000)

	Year of apprenticeship				
	First	Second	Third	Fourth (a)	Total
<b>Industry</b>					
Manufacturing	5.5	9.8	9.1	5.6	30.0
Construction	3.7	8.8	11.7	6.7	30.9
Wholesale and retail trade	5.6	13.3	6.8	10.3	38.3
Recreation, personal and other services	5.7	5.5	5.4	3.1	19.7
Other(b)	3.5	7.2	6.0	3.7	20.3
<b>Sector</b>					
Public	12.8	5.2	5.3	3.5	18.7
Private(c)	21.5	39.4	35.7	25.8	122.4
<b>Total</b>	<b>24.2</b>	<b>44.6</b>	<b>41.0</b>	<b>29.4</b>	<b>139.1</b>

(a) Includes a small number of fifth year apprentices. (b) Comprises Agriculture, forestry, fishing and hunting; Mining; Electricity, gas and water; Transport and storage; Communication; Community services; Finance, property and business services; and Public administration and defence. (c) Includes a small number of persons for whom sector could not be determined.

Source: Transition from Education to Work, Australia (6227.0).

**JOB VACANCIES**  
('000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
May 1989	28.3	24.1	10.4	3.0	4.5	0.9	1.1	2.3	73.1
May 1990	19.9	13.1	7.1	3.4	2.7	1.0	0.7	2.3	50.1
May 1991	10.5	3.8	4.4	1.5	2.1	0.7	0.3	1.8	25.1

Source: Job Vacancies and Overtime, Australia (6354.0).

**JOB VACANCY RATES(a)**  
(per cent)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
May 1989	1.2	1.5	1.2	0.7	0.9	0.6	1.9	1.7	1.2
May 1990	1.0	0.8	0.8	0.7	0.6	0.7	1.3	1.9	0.9
May 1991	0.5	0.2	0.5	0.3	0.4	0.4	0.5	1.4	0.4

(a) Job vacancy rate is calculated by expressing the number of job vacancies as a percentage of the number of employees plus vacancies.

Source: Job Vacancies and Overtime, Australia (6354.0).

**AVERAGE WEEKLY EARNINGS OF EMPLOYEES**  
**(\\$)**

Pay period ending on or before	Males		Females		Persons	
	All males		All females		All adults	
	Full-time adults	Ordinary time	Full-time adults	Ordinary time	Full-time adults	Total
1989 — 17 February	521.90	563.70	511.60	431.30	443.30	524.30
1990 — 16 February	555.80	600.20	548.30	462.40	475.10	558.60
1991 — 15 February	597.70	642.50	585.60	499.80	511.90	597.80
						436.30
						464.80
						496.90

Source: Average Weekly Earnings, States and Australia (6302.0).

**MAJOR LABOUR COSTS, 1989-90**  
**AVERAGE COSTS PER EMPLOYEE**  
**( \$ )**

	<i>Earnings</i>	<i>Other labour costs</i>				<i>Total</i>
		<i>Payroll tax</i>	<i>Super-annuation</i>	<i>Workers' compensation</i>	<i>Fringe benefits tax</i>	
Mining	43,752	2,371	2,048	1,512	603	50,285
Manufacturing	27,306	1,307	1,058	983	155	30,809
Electricity, gas & water	33,508	1,807	3,043	916	129	39,403
Construction	29,922	1,045	1,777	1,008	177	33,928
Wholesale & retail trade	19,179	713	609	391	136	21,029
Transport, storage & communication	28,547	1,395	2,578	817	132	33,470
Finance, property & business services	28,453	1,241	1,475	353	544	32,066
Public administration & defence	26,799	337	2,938	749	170	30,923
Community services	24,376	507	1,698	495	34	27,109
Recreation, personal & other services	14,960	424	380	283	52	16,099
<b>Total</b>	<b>24,709</b>	<b>904</b>	<b>1,391</b>	<b>605</b>	<b>169</b>	<b>27,777</b>

Source: Labour Costs, Australia (6348.0).

**INDUSTRIAL DISPUTES IN PROGRESS DURING EACH YEAR  
1988 TO 1990**

Year	Number of disputes		Employees involved ('000)		Working days lost ('000)
	Commenced in year	Total(a)	Newly involved(b)	Total	
1988	1,502	1,508	893.9	894.4	1,641.4
1989	1,391	1,402	708.4	709.8	1,202.4
1990	1,189	1,193	725.9	729.9	1,376.5

(a) Refers to all disputes in progress during the year. (b) Comprises workers involved in disputes which commenced during the year and additional workers involved in disputes which continued from the previous year.

Source: *Industrial Disputes, Australia* (6321.0).

**NUMBER OF TRADE UNIONS ACCORDING TO SIZE OF UNION, 30 JUNE**

Size of union (number of members)	1989		1990		1991	
	Number	Proportion of total (per cent)	Number	Proportion of total (per cent)	Number	Proportion of total (per cent)
Under 1,000	136	45.5	136	46.1	124	45.1
1,000 and under 5,000	79	26.4	75	25.4	68	24.7
5,000 and under 20,000	38	12.7	39	13.2	39	14.2
20,000 and under 50,000	28	9.4	27	9.2	25	9.1
50,000 and over	18	6.0	18	6.1	19	6.9
<b>Total</b>	<b>299</b>	<b>100.0</b>	<b>295</b>	<b>100.0</b>	<b>275</b>	<b>100.0</b>

Source: Trade Union Statistics, Australia (6323.0).

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## Chapter Eight

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# Social Security/Welfare

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### MAIN SOCIAL SECURITY PAYMENTS AS AT JUNE 1991

Type of payment	\$m paid in 1990-91	Date of operation
<b>The Retired</b>		
Age Pension	9,013	1 July 1909
Wife's Pension	166	5 October 1972
Carer's Pension	29	1 November 1985
Pharmaceutical Allowance	n.a.	1 November 1990
Bereavement Allowance	n.a.	1 January 1990
<b>People with Disabilities</b>		
Invalid Pension	2,375	15 December 1910
Sheltered Employment Allowance	89	30 June 1967
Rehabilitation Allowance	30	1 March 1983
Mobility Allowance	8	1 April 1983
Wife's Pension	683	5 October 1972
Carer's Pension	37	1 November 1985
Pharmaceutical Allowance	n.a.	1 November 1990
Bereavement Allowance	n.a.	1 January 1990
<b>The Unemployed and Sick</b>		
Unemployment Benefit	4,493	1 July 1945
Job Search Allowance	68	1 January 1988
Sickness Benefit	651	1 July 1945
Special Benefit	262	1 July 1945
<b>Families with children</b>		
Family Allowance	1,894	1 July 1941
Family Allowance Supplement	573	17 December 1987
Sole Parent Pension	2,686	1 March 1989
Child Disability Allowance	72	15 November 1987
Double Orphan Pension	2	26 September 1973
<b>Widowed Persons</b>		
Widowed Persons Allowance	0.6	1 March 1989
Class 'B' Widow Pension	577	30 June 1942

Source: Department of Social Security.

**AGE PENSIONERS**

Age	30 June		
	1989	1990	1991
60-64 years	166,007	167,252	175,269
65-69 years	308,684	314,390	329,223
70-74 years	295,879	288,600	288,553
75 years+	563,740	572,226	582,804
<b>Total</b>	<b>1,334,310</b>	<b>1,340,468</b>	<b>1,375,849</b>
Number of wife's/ carer's pensioners	26,188	27,791	31,156
	— \$'000 —		
<b>Total payments during year(a)</b>	<b>7,516,110</b>	<b>8,182,453</b>	<b>9,207,544</b>

(a) includes allowances, rent assistance, and wife's pensions where applicable.

Source: Department of Social Security.

**INVALID PENSIONERS**

Age	30 June		
	1989	1990	1991
16-19 years	7,863	7,808	7,700
20-39 years	62,274	63,874	68,110
40-59 years	161,244	164,261	173,807
60 years+	76,414	80,770	84,617
<b>Total</b>	<b>307,795</b>	<b>316,713</b>	<b>334,234</b>
Number of wife's/ carer's pensioners	94,321	95,839	99,548
	— \$'000 —		
<b>Total payments during year(a)</b>	<b>2,415,564</b>	<b>2,679,752</b>	<b>3,095,780</b>

(a) includes allowances, rent assistance, and wife's pensions where applicable.

Source: Department of Social Security.

## UNEMPLOYMENT, SICKNESS AND SPECIAL BENEFITS

	Year ended 30 June		
	1989	1990	1991
<b>Unemployment beneficiaries (including job search allowances)(a)</b>			
Number of new benefits granted	689,981	(b)725,000	(b)1,242,200
June average number on benefit	389,794	419,785	878,705
Average number on benefit at end of each week during year	429,350	385,014	535,947
<b>Sickness beneficiaries</b>			
Number of new benefits granted	110,369	(b)116,000	(b)121,300
June average number on benefit	79,001	79,195	71,397
Average number on benefit at end of each week during year	76,759	78,103	76,088
<b>Special beneficiaries</b>			
Number of new benefits granted	133,275	(b)170,000	(b)166,400
June average number on benefit	25,204	27,913	29,811
Average number on benefit at end of each week during year	23,929	26,463	30,021
— \$'000 —			
<b>Amount paid during year(c)</b>			
Unemployment and job search allowance(a)	3,135.840	3,067.796	4,561.353
Sickness benefit	552.970	611.167	650.612
Special benefit	178.310	214.767	261.748

(a) Job Search Allowance began on 1 January 1988. (b) Estimated. (c) Includes additional allowances.

Source: Department of Social Security.

## FAMILY ALLOWANCES, 30 JUNE 1991

Number of children and students in family	Number of families						
	NSW/ ACT(a)	Vic.	Qld/NT	SA(b)	WA	Tas.	Aust.
1	244,972	178,360	138,010	63,024	68,010	20,710	713,086
2	256,120	191,340	141,610	68,643	77,006	22,468	757,187
3	111,623	83,100	63,267	25,474	33,319	9,907	326,690
4	31,695	21,745	18,450	6,189	8,895	2,666	89,640
5	6,513	4,204	3,905	1,074	1,774	530	18,000
6	1,672	1,036	1,169	226	452	130	4,685
7	423	310	332	57	136	39	1,297
8	162	106	109	18	27	9	431
9	37	24	36	8	10	1	118
10 or more	17	19	21	1	5	1	64
<b>Total families</b>	<b>653,234</b>	<b>480,244</b>	<b>366,909</b>	<b>164,714</b>	<b>189,634</b>	<b>56,461</b>	<b>1,911,196</b>
No. of children in families	1,266,220	927,990	715,117	308,840	371,453	109,826	3,699,446
— \$'000 —							
Amount paid during year	650,112	474,566	366,668	157,325	189,171	56,117	1,893,958

(a) Excludes Broken Hill Regional Office. (b) Includes Broken Hill Regional Office.

Source: Department of Social Security.

## SOLE PARENT PENSIONERS

	30 June		
	1989	1990	1991
<b>Age</b>			
Under 20 years	9,564	10,245	10,026
20-29 years	86,347	89,653	92,989
30-39 years	96,234	100,383	109,849
40-49 years	40,652	42,152	46,373
50-59 years	6,427	6,197	6,271
60 years and over	245	248	212
<b>Type of pensioner</b>			
Females			
Unmarried mothers	46,590	47,845	49,623
Widows	10,978	9,940	9,412
Divorcees	26,842	22,817	20,206
Separated wife's	127,805	138,645	153,478
Separated de facto wife's	17,074	18,334	19,383
Males			
Widowers	793	805	864
Divorcees	1,020	953	1,102
Separated husbands	7,140	8,203	10,092
Separated de facto husbands	819	857	956
Other	408	487	602
<b>Number of pensions</b>	<b>239,469</b>	<b>248,886</b>	<b>265,720</b>
	— \$'000 —		
<b>Total payments during year(s)</b>	<b>2,131,986</b>	<b>2,334,211</b>	<b>2,686,319</b>

(a) Includes rent assistance and allowances.

Source: Department of Social Security.

## WIDOW PENSIONERS/WIDOWED PERSONS ALLOWANCE

	June		
	1989	1990	1991
— number —			
Class 'B' widow pensioners			
Aged			
Under 50 years	5,182	3,824	1,883
50-59 years	57,362	53,810	50,813
60 years+	20,962	21,291	21,628
Widowed person's allowance	116	222	315
Total	83,842	78,947	74,439
— \$'000 —			
Total payments during year(s)	535,200	553,743	577,256

(a) Includes payment to benevolent homes for maintenance of pensioners. It also includes rent assistance and allowances.

Source: Department of Social Security.

HOME AND COMMUNITY CARE (HACC) EXPENDITURE(a)  
(\$ million)

Year	Commonwealth	Territories(b)	States/ Territories(b)	Total
1988-89	205.1	145.0		350.1
1989-90	242.1	165.8		407.9
1990-91	278.9	188.3		467.2

(a) Includes unmatched money and planning and development but excludes running costs. (b) Estimated expenditure required for matching Commonwealth outlays and may vary to the actual cash expenditure due to the effect of recoupments in respect of previous years.

Source: Commonwealth Department of Health, Housing and Community Services.

**COMMONWEALTH EXPENDITURE ON NURSING HOMES  
AND HOSTELS, 1990-91**  
(\$ million)

<i>State/Territory</i>	<i>Nursing homes for aged (recurrent)</i>	<i>Hostels (recurrent)</i>	<i>Nursing homes and hostels (capital)</i>
NSW	600.1	58.2	39.9
Vic.	403.9	44.2	35.2
Qld	210.4	40.6	23.8
WA	125.0	16.4	8.8
SA	161.1	24.0	14.1
Tas.	39.9	4.4	6.2
NT	4.6	0.6	0.9
ACT	11.0	1.5	0.6
<b>Aust.</b>	<b>1,556.0</b>	<b>189.9</b>	<b>129.5</b>

Source: Commonwealth Department of Housing, Health and Community Services.

**VETERANS' AFFAIRS, TOTAL EXPENDITURE  
(\$'000)**

<i>Class</i>	<i>1988-89</i>	<i>1989-90</i>	<i>1990-91</i>
Pensions, allowances and other benefits	3,180,025	3,393,270	3,674,453
Medical treatment(a)	526,932	575,053	662,717
Administration(b)	144,072	151,334	191,852
Works and maintenance	70,659	55,425	46,555
<b>Total expenditure</b>	<b>3,921,688</b>	<b>4,175,082</b>	<b>4,575,577</b>

(a) Excluding hospitals, including beneficiary transport. (b) Including property operating expenses

NOTE: Expenditure figures exclude all operating expenses for the Repatriation General Hospitals, and all expenditure associated with the Defence Services Homes Corporation, the Australian War Memorial and Office of Australian War Graves. Total expenditure by the Veterans' Affairs Portfolio in 1989-90 was \$5,217,105.

Source: Department of Veterans' Affairs.

**NUMBER OF DISABILITY AND WAR WIDOW'S PENSIONS**

Recipient	30 June		Variation per cent
	1990	1991	
Veterans	181,546	159,579	- 1.3
Wife's and wife widows	104,109	99,269	- 4.7
Children	10,171	8,871	- 12.8
War widows	78,471	78,140	2.2
Orphans	633	601	- 5.1
Other dependants	1,152	1,091	- 5.3
<b>Total</b>	<b>354,082</b>	<b>347,551</b>	<b>- 1.9</b>

Source: Department of Veterans' Affairs.

**SERVICE PENSIONS**

Pensions in force	30 June		
	1989	1990	1991
Veterans	229,097	223,164	218,398
Wife's and widows	167,342	163,184	159,511
<b>Total</b>	<b>396,439</b>	<b>386,348</b>	<b>377,909</b>
Annual expenditure(a) (\$'000)	2,048,138	2,164,449	2,325,077

(a) Includes associated allowances

Source: Department of Veterans' Affairs

## VIETNAM VETERANS COUNSELLING SERVICE

	1988-89	1989-90	1990-91
Numbers of counselling sessions	26,633	29,464	34,323
Including:			
Face to face	14,048	16,057	14,066
Telephone (including 008)	10,152	10,818	13,108
Group	296	2,240	332
Country outreach	n.a.	n.a.	6,817

Source: Department of Veterans' Affairs.



## Chapter Nine

# Health

### PERSONS WHO EXPERIENCED LONG-TERM CONDITIONS(a)

1989-90  
(rate(b))

<i>Type of condition</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
Neoplasms	16.0	16.3	16.1
Endocrine, nutritional and metabolic disorders	52.7	58.8	55.7
Mental disorders	20.9	22.7	21.8
Nervous system and sense organ diseases	349.8	414.6	382.3
Circulatory system diseases	106.1	155.8	131.0
Respiratory system diseases	212.0	227.5	219.8
Digestive system diseases	52.0	53.5	52.7
Genitourinary system diseases	13.5	40.3	26.8
Diseases of the skin and subcutaneous tissue	49.7	63.3	56.5
Diseases of the musculoskeletal system and connective tissue	246.1	269.9	258.0
Symptoms, signs and ill defined conditions	35.9	49.1	42.5
Injury and poisoning	16.7	10.9	13.8
Other(c)	21.1	27.0	24.2
<b>Total persons(d)</b>			
Rate(b)	639.6	682.3	661.0
Number ('000)	5,421.0	5,808.9	11,229.9

(a) Condition groups based on chapter headings of the International Classification of Diseases, Ninth Revision (ICD9). (b) Rate per 1,000 population of same age and sex. (c) Includes infectious and parasitic diseases, diseases of the blood and blood forming organs, complications of pregnancy, childbirth and the puerperium, congenital anomalies, disability n.s.c. and unspecified illness. (d) Each person may have reported more than one type of illness and therefore components do not add to totals.

Source: National Health Survey: Summary of Results, 1989-90 (4364.0).

**CHILDREN AGED 0 TO 6 YEARS: TYPE OF IMMUNISATION BY  
IMMUNISATION STATUS(a), 1989-90  
('000)**

Type of immunisation	Immunisation status				Total
	Fully immunised	Partly immunised	Not immunised	Not known whether immunised	
Diphtheria/Tetanus	1,508.9	95.5	85.4	77.8	1,747.7
Whooping cough	1,238.7	337.3	93.8	77.8	1,747.7
Polio	1,260.8	278.4	101.3	107.2	1,747.7
Measles(b)	1,276.9	—	163.9	44.0	1,484.8
Mumps(b)	1,195.7	—	221.8	67.3	1,484.8

(a) Based on the number of vaccinations received compared with levels recommended by the National Health and Medical Research Council. Children who had received the recommended number of vaccinations for their age are classified as fully immunised; those who had received some, but less than the number recommended for their age are classified as partly immunised. (b) Excludes children aged less than one year.

Source: National Health Survey: Summary of Results, 1989-90 (4354.0).

**NOTIFIABLE DISEASES, NUMBER OF CASES NOTIFIED, 1988-1990**

Disease	1988	1989	1990
AIDS	522	568	591
Amoebiasis(a)	60	64	8
Ankylostomiasis(a)	35	106	2
Anthrax(a)	—	—	—
Arbovirus infection(a)	897	2,809	2,008
Brucellosis(a)	16	20	46
Campylobacter infection(a)	4,082	4,279	5,683
Chancroid(a)	4	3	13
Cholera	2	—	1
Congenital rubella syndrome	2	—	2
Diphtheria(a)	61	1	7
Donovanosis(a)	133	99	91
Giardiasis(a)	1,753	2,060	817
Genital herpes	2,129	2,581	2,470
Gonococcal Ophthalmia neonatorum(a)	3	1	—
Gonorrhoea(a)	4,079	3,153	1,919

For footnotes see end of table.

**NOTIFIABLE DISEASES, NUMBER OF CASES NOTIFIED  
1988-1990 — continued**

Disease	1988	1989	1990
Hepatitis A (infectious)	600	460	530
Hepatitis B (serum)(a)	1,683	3,017	2,970
Hepatitis — unspecified	69	43	707
Hydatid disease(a)	15	15	16
Lassa fever	—	—	—
Legionnaires disease(a)	67	104	90
Leprosy	20	34	31
Leptospirosis(a)	104	99	121
Lymphogranuloma venereum(a)	—	—	—
Malaria(a)	601	770	882
Marburg disease	—	—	—
Measles	248	169	880
Meningococcal infections(a)	126	204	295
Non-specific urethritis	3,210	1,739	1,553
Ornithosis(a)	21	25	23
Pertussis (whooping cough)	153	614	862
Plague	—	—	—
Poliomyelitis(a)	—	—	—
Q-fever(a)	424	353	431
Rabies	—	—	—
Salmonella infections(a)	3,484	4,492	4,564
Shigella infections(a)	581	779	610
Smallpox	—	—	—
Syphilis(a)	3,056	2,099	1,643
Tetanus	5	11	6
Trachoma	268	504	5
Tuberculosis (all forms)(a)	1,165	1,351	684
Typhoid fever(a)	40	57	70
Typhus (all forms)(a)	8	2	4
Vibrio parahaemolyticus infections(a)	2	10	23
Yellow fever	—	—	—
Yersinia infections(a)	172	241	433

(a) Confirmed by appropriate diagnostic tests

NOTE: For some of the diseases shown above information is not available or the diseases are not notifiable in certain States/Territories

Source: Commonwealth Department of Health, Housing and Community Services

## REPORTED AIDS CASES TO 30 JUNE 1991

State/Territory	Number of cases		Known deaths	
	Males	Females	Number	Per cent
NSW	1,615	48	1,065	63.7
Vic.	531	12	322	19.3
Qld	190	8	131	7.8
SA	89	3	44	2.6
WA	116	8	77	4.6
Tas.	14	1	8	0.5
NT	7	—	3	0.2
ACT	35	1	22	1.3
Aust.	2,597	81	1,672	100.0

Source: Australian HIV Surveillance Report.

**CAUSES OF DEATH, 1990**  
(number)

Causes of death	Age group (years)									Total (a)
	<1	1-14	15-24	25-34	35-44	45-54	55-64	65-74	>74	
Infectious & parasitic diseases	27	25	21	32	49	52	75	147	374	803
Neoplasms	12	131	147	374	1,112	2,498	5,923	9,462	11,084	30,744
Endocrine, nutritional & metabolic diseases & immunity disorders	10	29	40	159	176	182	386	751	1,434	3,167
Diseases of the nervous system and sense organs	42	66	66	76	69	110	170	422	1,247	2,268
Diseases of the circulatory system	13	27	89	202	621	1,751	5,124	12,399	34,059	54,285
Diseases of the respiratory system	49	37	56	60	111	244	890	2,405	5,147	9,001
Diseases of the digestive system	7	11	7	63	162	290	557	896	2,100	4,094
Congenital anomalies	537	93	45	33	25	22	25	34	26	840
All other diseases(b)	897	11	104	213	141	144	329	803	3,470	6,112
Signs, symptoms & ill-defined conditions	501	17	18	17	22	25	25	30	154	813
Accidents, poisonings & violence	50	444	1,596	1,445	1,039	712	707	688	1,252	7,935
<b>All causes</b>	<b>2,145</b>	<b>891</b>	<b>2,189</b>	<b>2,874</b>	<b>3,527</b>	<b>6,030</b>	<b>14,211</b>	<b>28,037</b>	<b>60,347</b>	<b>120,062</b>

(a) Total includes 11 deaths where age is not known. (b) Includes 901 deaths from conditions originating in the perinatal period and 1,888 deaths from deaths from the genitourinary system.

Source: Causes of Death, Australia (3303.0).

## PERINATAL DEATHS BY CAUSE, 1990

<i>Cause of death</i>	<i>Rate</i>		
	<i>Fetal(a)</i>	<i>Neonatal (b)</i>	<i>Perinatal (a)</i>
<b>Conditions in fetus/infant</b>			
Slow fetal growth, fetal malnutrition and immaturity	0.38	0.53	0.90
Birth trauma	0.01	0.10	0.11
Hypoxia, birth asphyxia and other respiratory conditions	2.52	1.23	3.74
Fetal and neonatal haemorrhage	0.13	0.30	0.43
Haemolytic disease of fetus or newborn	0.03	0.02	0.05
Other conditions originating in the perinatal period	2.21	0.43	2.64
Congenital anomalies	0.69	1.45	2.14
All other causes	0.02	0.21	0.23
<b>Conditions in mother</b>			
Maternal conditions which may be unrelated to present pregnancy	0.84	0.41	1.25
Maternal complications of pregnancy	0.60	1.22	1.81
Complications of placenta, cord and membranes	2.29	0.55	2.83
Other complications of labour and delivery	0.12	0.09	0.21
No maternal condition reported	2.18	2.00	4.17
<b>All causes</b>			
1990	6.02	4.27	10.27
1989	5.75	4.22	9.95
1988	5.95	4.73	10.65

(a) Per 1,000 births registered (live births and stillbirths) weighing 500 grams or more at birth. (b) Per 1,000 live births registered weighing 500 grams or more at birth.

Source: *Perinatal Deaths, Australia* (3304.0).

**MEDICARE: NUMBER OF SERVICES, BENEFITS PAID AND PERCENTAGE OF SERVICES DIRECT BILLED, 1990-91**

<i>State/Territory</i>	<i>Number of services ('000)</i>	<i>Benefits paid (\$m)</i>	<i>Direct billed (%)</i>
NSW	56,328	1,833.0	65.6
Vic.	35,178	1,019.5	55.1
Qld	24,817	713.7	62.9
SA	11,862	351.4	56.1
WA	12,008	338.6	60.6
Tas.	3,533	98.9	49.8
NT	840	23.1	64.6
ACT	2,039	59.9	46.7
Overseas	12	0.3	46.2
<b>Aust.</b>	<b>146,617</b>	<b>4,238.4</b>	<b>60.8</b>

Source: Commonwealth Department of Health, Housing and Community Services.

**COMPARISON OF NUMBER OF PERSONS WITH PRIVATE HEALTH INSURANCE ('000)**

	<i>March</i>	<i>June</i>	
	<i>1986</i>	<i>1988</i>	<i>1990</i>
With private health insurance	8,208.1	8,302.1	8,916.7
Without private health insurance	7,170.0	7,650.9	8,220.4
<b>Total(a)</b>	<b>15,457.2</b>	<b>15,967.4</b>	<b>17,160.2</b>

(a) Includes persons for whom insurance details were unknown  
 Source *Health Insurance Survey, Australia* (4335.0).



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## Chapter Ten

# Education

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### HIGHER EDUCATION: NUMBER OF STUDENTS

	1988	1989	1990
19 and under			
Males	61,068	66,531	71,254
Females	72,985	81,892	90,589
Persons	134,053	148,423	161,843
20-24			
Males	62,896	65,482	71,902
Females	56,899	61,182	69,273
Persons	119,795	126,664	141,175
25-29			
Males	29,327	28,630	30,153
Females	24,768	25,321	27,447
Persons	54,095	53,951	57,600
30 and over			
Males	52,333	50,642	56,111
Females	60,249	61,396	68,346
Persons	112,582	112,038	124,457
All not stated			
Males	150	—	—
Females	175	—	—
Persons	325	—	—
Total			
Males	205,774	211,285	229,420
Females	215,076	229,791	255,655
Persons	420,850	441,076	485,075

Source: Department of Employment, Education and Training 'Selected Higher Education Statistics, 1990'.

**SCHOOLS, STUDENTS AND TEACHING STAFF, JULY 1990**

	Government schools	Non-government schools			All schools	
		Anglican	Catholic	Other		
Number of schools	7,490	117	1,714	686	2,517	10,007
Number of students						
Males	1,123,006	44,297	298,412	82,795	425,504	1,548,512
Females	1,070,339	37,821	297,287	87,898	422,808	1,493,145
Persons	2,193,347	82,118	595,699	170,693	848,310	3,041,657
FTE of teaching staff(b)						
Males	57,740	2,796	11,513	4,926	19,234	76,974
Females	88,737	3,352	22,812	7,339	33,503	122,240
Persons	146,477	6,148	34,324	12,265	52,737	199,214

(a) Includes special schools administered by government authorities other than the State Departments of Education in Victoria and Western Australia. (b) Full-time teaching staff plus full-time equivalent of part-time teaching staff.

Source: Schools, Australia (4221.0).

**TECHNICAL AND FURTHER EDUCATION: STUDENTS (STREAMS 2100-4500), 1989**

Age group (years)	Males			Females			Persons		
	Full-time	Part-time	Total	Full-time	Part-time	Total	Full-time	Part-time	Total
16 and under	5,882	27,824	33,706	4,410	21,124	25,534	10,292	48,948	59,240
17	6,586	31,774	38,360	5,162	17,326	22,488	11,748	49,100	60,848
18	8,013	39,038	47,051	7,638	19,607	27,245	15,651	58,545	74,296
19	5,405	32,720	38,125	4,774	16,765	21,539	10,179	49,485	59,664
19 and under	25,886	131,356	157,242	21,984	74,822	96,806	47,870	206,178	254,048
20-24	9,132	80,875	90,007	7,975	58,040	66,015	17,107	138,915	158,022
25-29	3,297	55,492	58,789	3,336	47,742	51,078	6,633	103,234	109,867
30-39	3,244	79,426	82,670	5,016	83,012	88,028	8,260	162,438	170,698
40-49	1,138	39,031	40,169	2,492	50,924	53,416	3,630	89,955	93,585
50-59	350	13,256	13,606	582	18,945	19,527	932	32,201	33,133
60-64	49	2,889	2,938	108	5,086	5,194	157	7,975	8,132
65 and over	112	4,512	4,624	153	7,410	7,563	265	11,922	12,187
Not stated	1,062	41,616	42,698	943	51,018	51,961	2,025	92,634	94,659
<b>Total</b>	<b>44,290</b>	<b>448,453</b>	<b>492,743</b>	<b>42,589</b>	<b>396,999</b>	<b>439,588</b>	<b>86,879</b>	<b>845,452</b>	<b>932,331</b>

Source: Department of Employment, Education and Training 'Selected TAFE Statistics, 1989'.

**AVERAGE WEEKLY TOTAL INCOME OF STUDENTS, 1991**  
**(\\$)**

Student characteristics	Principal source of finance			
	Government and other benefits	Wages, salaries and investments	Family and other	All students
Sex				
Male	99.70	217.00	41.20	120.20
Female	114.40	181.00	46.20	119.40
Age group				
15-16	60.00	55.90	11.40	32.90
17-18	70.90	128.50	26.50	74.60
19-20	98.50	208.90	99.30	153.50
21-24	143.70	230.50	108.70	168.20
25 +	176.90	340.80	109.90	245.00
Living arrangements				
Living with parent(s) or guardian	80.00	148.80	23.30	83.40
Living with spouse and/or children	188.50	346.30	113.00	255.50
Living away from home	144.20	273.80	165.40	189.40
Student type				
Secondary	65.70	65.40	14.70	42.40
Tertiary				
Full time	98.40	110.80	35.30	77.50
Part time	157.30	340.10	157.30	261.10
Apprentice(a)	*147.70	287.00	*1.00	278.10
Total	140.10	256.30	97.10	185.60
Higher education				
Full time	136.20	164.60	90.90	132.60
Part time	*148.40	379.00	*258.30	304.00
Total	137.80	228.50	108.10	164.90
Technical and further education				
Full time	120.40	*153.20	*56.40	115.90
Part time	166.30	337.60	*116.30	259.80
Total	139.90	293.20	64.50	199.40
Other	172.90	189.60	29.10	136.30
All students	107.10	198.00	43.50	119.80

(a) Apprentices have been shown as a separate category and included in the Tertiary Total estimates, but excluded from all other student type estimates.

Source: *Student Finances, Australia* (5550.0).

## STUDENT ASSISTANCE SCHEMES, 1990-91

Scheme	Number of students	Assistance \$'000
AUSTUDY Tertiary	181,816	586,567
AUSTUDY Secondary	207,378	399,883
AUSTUDY Adult Secondary	11,628	36,791
ABSTUDY (Schooling)	34,071	37,551
ABSTUDY (Tertiary)	14,650	47,830
Assistance for Isolated Children	13,153	15,526
English as a Second Language		
Living allowances	N/A	4,104

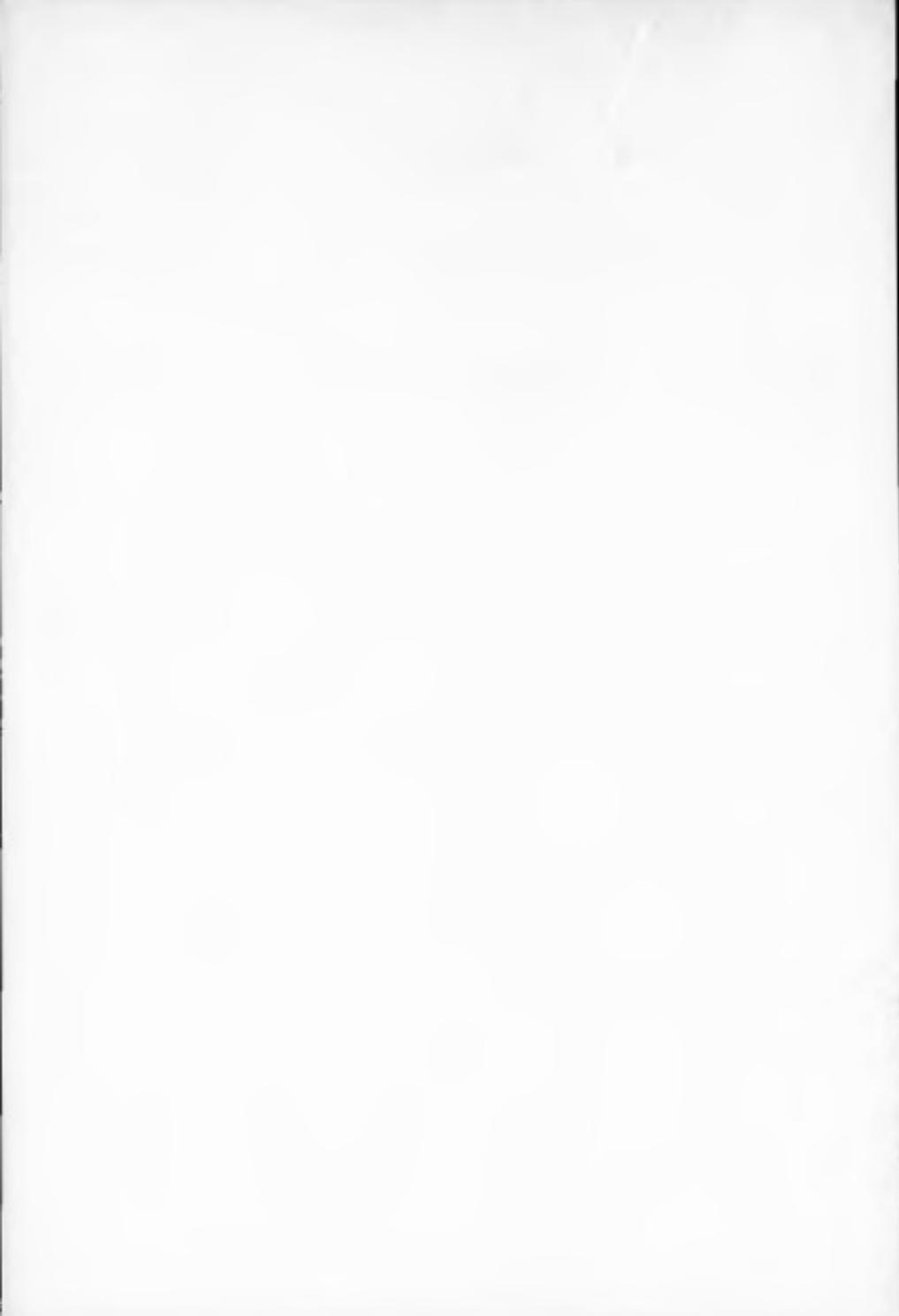
Source: Department of Employment, Education and Training.

EXPENDITURE ON EDUCATION  
(\$ million)

Description	1986-87	1987-88	1988-89
<b>Government</b>			
General government final consumption expenditure	10,299	10,848	11,636
Gross fixed capital expenditure	1,155	1,015	1,093
Increase in stocks	2	2	2
<i>Final expenditure (1)</i>	<i>11,455</i>	<i>11,865</i>	<i>12,731</i>
Personal benefit payments (2)	954	1,207	1,352
Grants and advances to non-profit institutions	1,519	1,612	2,001
Other (3)	4	-4	-13
<i>Total government outlay on education</i>	<i>13,931</i>	<i>14,680</i>	<i>16,071</i>
<b>Private</b>			
Private final consumption expenditure	2,326	2,597	2,696
Gross fixed capital expenditure	278	312	336
<i>Final expenditure (4)</i>	<i>2,604</i>	<i>2,909</i>	<i>3,032</i>
<i>Total final expenditure on education (1) + (4)</i>	<i>14,059</i>	<i>14,774</i>	<i>15,763</i>
<i>Total outlay on education (1) + (2) + (3) + (4)</i>	<i>15,017</i>	<i>15,978</i>	<i>17,102</i>
<i>Gross domestic product(a)</i>	<i>264,627</i>	<i>299,429</i>	<i>339,834</i>

(a) The figures for Gross Domestic Product are from Australian National Accounts: National Income and Expenditure (5204.0).

Source: Expenditure on Education, Australia (5510.0).



## Chapter Eleven

# Law and Order

### COMMONWEALTH OMBUDSMAN COMPLAINTS RECEIVED 1990-91

Type of complaint	Number
Commonwealth Ombudsman (includes Freedom of Information)	
Written complaints	3,134
Per 100,000 of population	18.7
Oral complaints	9,086
Per 100,000 of population	53.6
Defence Force Ombudsman	
Written	298
Oral	663
Australian Federal Police	
Written	524
Oral	151

Source: Commonwealth Ombudsman.

### POLICE FORCES AT 30 JUNE

	1987	1988	1989
AFP(a)	2,642	2,713	2,580
NSW	11,608	12,280	12,568
Vic.	8,796	9,229	9,678
Qld	5,072	5,085	5,219
SA	3,646	3,549	3,565
WA	3,287	3,243	3,572
Tas.	1,010	1,028	1,075
NT	681	748	746

(a) Excludes protective services units.

Source: State/Territory police annual reports.

**NUMBER OF PRISONERS BY MOST SERIOUS  
OFFENCE/CHARGE(a), 30 JUNE 1990**

<i>Offence/charge(a)</i>	<i>Number</i>
Homicide	1,448
Assault	1,341
Sex offences	1,417
Other against person	154
Robbery	1,570
Extortion	29
Break and enter	2,194
Fraud and misappropriation	604
Receiving	300
Other theft	1,332
Property damage	195
Environmental	4
Government security	13
Justice procedures	851
Unlawful possession of weapon	57
Other offences against good order	138
Possession, use of drugs	169
Deal/traffic drugs	1,040
Manufacture/grow drugs	138
Driving offences	505
Licence, registration	229
Other traffic offences	251
Other offences	314
Offences in custody	2
Unknown	10
<b>Total persons</b>	<b>14,305</b>

(a) The most serious offence/charge is that offence for which a prisoner received the longest sentence, or that charge which carries the longest statutory maximum penalty.

NOTE: This table includes 1,913 remandees not convicted, awaiting sentence or deportation, and 21 whose legal status was not known or stated in the prison census.

Source: Australian Institute of Criminology.

**BANKRUPTCIES**

<i>Bankruptcies and orders for administration(a)</i>	1988-89	1989-90	1990-91
Number administered	7,435	8,552	13,091
Assets (\$m)	88.1	145.4	318.4
Liabilities (\$m)	571.7	643.5	792.6

(a) Orders for administration of deceased persons estates.

Sources: Commonwealth Attorney-General's Department — Insolvency and Trustee Service, Australia.



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## Chapter Twelve

# Culture and Leisure

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### TOTAL OUTLAYS ON CULTURE BY COMMONWEALTH, STATE AND LOCAL GOVERNMENTS, 1989-90 (\$ million)

Purpose	Common-wealth	State	Local	Total
Libraries	29	83	243	354
Broadcasting and film production	685	11	—	696
Cultural facilities/services(a)	171	319	72	560
<b>Total</b>	<b>885</b>	<b>413</b>	<b>315</b>	<b>1,610</b>

(a) includes outlays for the creative and performing arts, museums and art galleries.

Source: Unpublished ABS data.

### PERSONS ATTENDING SELECTED CULTURAL VENUES/ACTIVITIES, 1990-91 ('000)

Venue	Persons
Library	4,442.5
Art gallery	2,886.8
Museum	3,632.9
Popular music concert	3,456.4
Dance performance	1,349.4
Musical theatre	2,427.4
Other theatre performance	2,151.3
Classical music concert	985.9

Source: *Attendance at Selected Cultural Venues, Australia (4114.0)*.

**TOTAL OUTLAYS(a) ON RECREATION BY COMMONWEALTH,  
STATE AND LOCAL GOVERNMENTS, 1989-90  
(\$ million)**

	Common- wealth	State	Local	Total
Public halls & civic centres	—	3	115	118
Swimming pools & beaches	—	-1	92	91
National parks & wildlife	6	265	—	271
Recreation facilities/services n.e.c.(b)	67	733	628	1,428
<b>Total</b>	<b>73</b>	<b>1,000</b>	<b>835</b>	<b>1,908</b>

(a) Outlays are expenditure net of offsetting receipts. (b) Includes estimates of outlays that cannot be assigned to one of the preceding classes.

Source: Unpublished ABS data.

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## **Chapter Thirteen**

# **Tourism**

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### **SUMMARY OF SHORT-TERM TRAVELLER STATISTICS**

	<b>1988</b>	<b>1989</b>	<b>1990</b>
Overseas visitors			
Arriving in Australia	2,249,300	2,080,300	2,214,900
Departing from Australia	2,174,100	2,020,400	2,162,700
Australian residents			
Departing from Australia	1,697,000	1,969,800	2,169,900
Returning to Australia	1,637,900	1,912,700	2,109,300

Source: *Overseas Arrivals and Departures, Australia* (3404 0).

**SHORT-TERM MOVEMENT: ARRIVALS OF OVERSEAS  
VISITORS BY COUNTRY OF RESIDENCE AND  
INTENDED LENGTH OF STAY, 1990**

Country of residence (visitors) and country of intended stay (residents)	Arrivals of overseas visitors intended length of stay				Total(a)
	Under 1 week	1 week and under 1 month	1 month and under 3 months	3 months and under 12 months	
Africa	3,000	6,000	8,500	2,900	18,400
America					
United States	51,800	146,800	35,200	16,700	250,500
Other	8,200	28,600	17,900	11,800	66,500
Total	60,000	175,400	53,100	28,500	317,000
Asia					
Japan	219,400	236,900	10,000	13,600	479,900
Other	79,700	157,400	50,700	60,200	348,200
Total(b)	299,100	394,300	60,600	74,000	828,000
Europe					
Germany(c)	10,900	24,200	29,800	9,300	74,200
United Kingdom	23,000	96,500	97,100	61,100	277,700
Other	25,200	61,800	64,200	45,500	196,500
Total	59,100	182,600	190,900	115,800	548,300
Oceania					
New Zealand	114,300	239,800	36,700	24,600	418,400
Other	27,300	31,300	14,900	8,700	82,200
Total	141,700	271,000	54,600	33,400	500,700
Other	400	900	600	600	2,500
<b>Total</b>	<b>563,100</b>	<b>1,030,200</b>	<b>368,400</b>	<b>255,200</b>	<b>2,214,900</b>

(a) The difference between the sum of the components and the total comprises 'not defined, not stated, etc'. (b) Asia includes countries which are frequently regarded as 'Middle East' countries, e.g., Iraq, Lebanon, Syria, etc. This inclusion is based on United Nations' classification of world regions. (c) Comprises the German Democratic Republic and the Federal Republic of Germany.

Source: Overseas Arrivals and Departures, Australia (3404.0).

**SHORT-TERM MOVEMENT: DEPARTURES OF AUSTRALIAN  
RESIDENTS BY COUNTRY OF INTENDED STAY AND  
INTENDED LENGTH OF STAY, 1990**

Country of residence (visitors) and country of intended stay (residents)	Departures of Australian residents intended length of stay			Total(a)
	Under 1 month	1 month and under 3 months	3 months and under 12 months	
Africa	7,400	13,600	5,200	26,300
America				
United States	176,400	83,000	25,000	284,400
Other	27,500	24,500	11,700	63,700
Total	203,900	107,400	36,700	348,100
Asia				
Japan	36,900	6,300	4,700	47,900
Other	514,600	132,800	63,900	711,400
Total(b)	551,500	139,100	68,700	759,300
Europe				
United Kingdom	48,600	134,000	70,200	252,800
Other	50,600	123,100	78,800	252,500
Total	99,200	257,200	148,900	505,300
Oceania				
Fiji	93,700	5,900	2,500	102,100
New Zealand	274,300	34,700	11,200	320,200
Other	87,100	12,700	7,800	107,700
Total	455,200	53,200	21,500	529,900
Other	700	200	100	1,000
Total	1,318,000	570,700	281,200	2,169,900

(a) The difference between the sum of the components and the total comprises 'not defined, not stated, etc.' (b) Asia includes countries which are frequently regarded as 'Middle East' countries, e.g., Iraq, Lebanon, Syria, etc. This inclusion is based on United Nations' classification of world regions.

Source: *Overseas Arrivals and Departures, Australia* (3404.0).

## TOURIST ACCOMMODATION(a)

		June quarter 1990	September quarter 1990	December quarter 1990
<b>LICENSED HOTELS WITH FACILITIES(b)</b>				
Establishments	no.	1,183	1,193	1,212
Guest rooms	no.	54,845	56,110	58,749
Bed spaces	no.	143,606	148,274	153,818
Room occupancy rates	%	48.5	50.8	50.7
Bed occupancy rates	%	29.8	31.7	31.3
Gross takings from accommodation	\$ 000	250,363	272,523	291,937
<b>MOTELS, etc (b)</b>				
Establishments	no.	3,573	3,812	3,686
Guest rooms	no.	95,841	97,003	98,407
Bed spaces	no.	290,311	293,186	297,551
Room occupancy rates	%	51.1	54.0	50.0
Bed occupancy rates	%	30.5	33.1	30.4
Gross takings from accommodation	\$ 000	280,118	312,647	293,213
<b>TOTAL HOTELS AND MOTELS etc (b)</b>				
Establishments	no.	4,756	4,805	4,878
Guest rooms	no.	150,688	153,113	157,156
Bed spaces	no.	433,917	439,460	451,369
Room occupancy rates	%	50.1	52.8	50.3
Bed occupancy rates	%	30.2	32.6	30.7
Gross takings from accommodation	\$ 000	530,481	585,171	585,150
<b>CARAVAN PARKS(c)</b>				
Establishments	no.	2,680	2,682	2,687
Powered sites	no.	202,489	202,477	203,126
Unpowered sites	no.	71,872	70,415	70,836
Cabins, flats etc	no.	10,643	11,174	11,593
Total capacity	no.	284,804	284,066	285,555
Site occupancy rates	%	34.4	34.5	34.7
Gross takings from accommodation	\$ 000	82,570	88,224	93,195

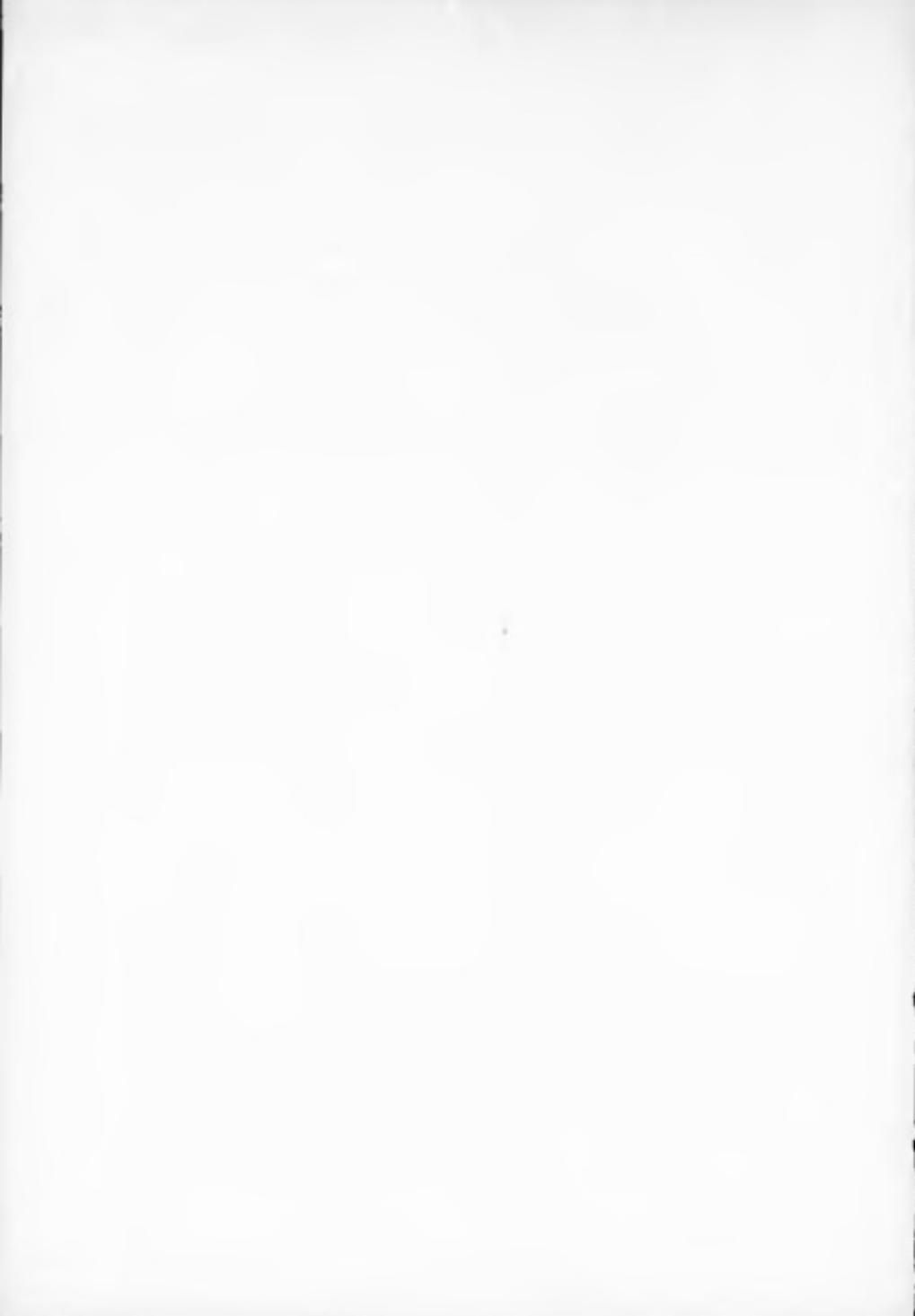
For footnotes see end of table

## TOURIST ACCOMMODATION(a) — continued

		June quarter 1990	September quarter 1990	December quarter 1990
HOLIDAY FLATS, UNITS AND HOUSES(b)				
Flats, units etc.				
One bedroom	no.	7,370	7,423	7,588
Multiroom bedroom	no.	24,767	24,759	25,814
Total flats, units etc.	no.	32,137	32,182	33,402
Bed spaces	no.	136,667	136,659	144,149
Unit occupancy rates	%	42.5	50.9	48.1
Gross takings from accommodation	\$ 000	63,175	78,588	81,793

(a) A tourist accommodation establishment is defined as an establishment which predominantly provides short-term accommodation (i.e., for periods of less than two months) available to the general public. (b) For definitions see *Tourist Accommodation, Australia (8635.0)*. (c) Includes long-term caravan parks. For definitions see *Tourist Accommodation, Australia (8635.0)*.

Source: *Tourist Accommodation, Australia (8635.0)*.



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## Chapter Fourteen

# Environment

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### AUSTRALIA'S BIODIVERSITY

<i>Flora</i>	<i>Number of species</i>
Vascular Plants	22,000 species, more than 90% occur naturally in Australia At least 209 species endangered, a further 784 vulnerable
Non-Vascular Plants	About 20,000 species of algae About 3,500 species of mosses, liverworts and lichens About 10,000-20,000 species of large fungi About 250,000 species of microfungi
<i>Fauna</i>	<i>Number of species</i>
Birds	850 species of which 70% occur naturally only in Australia 10 species are extinct, 26 species endangered
Reptiles	700 species. 88% occur only in Australia
Insects	65,000 known insects with at least as many to be identified
Mammals	276 native land mammals. 20 species extinct. 43 species endangered or vulnerable
Amphibians	About 180 species, all of which are frogs. 94% of frog species occur nowhere else
Fish/Molluscs	3,600 species of fish

Source: Australian National report to UNCED, Draft, 30 July 1991.

## OECD ENVIRONMENTAL INDICATORS, 1991

Indicator	Canada	USA	Aust- ralia	Nether- lands	Sweden	UK	Total OECD	Total world
<b>Carbon dioxide (CO<sub>2</sub>) emissions from energy use (mill. t of carbon)</b>								
1985	115	1,339	66	48	22	159	2,648	5,802
1988	124	1,433	71	51	21	163	2,793	6,256
<b>Per unit of GDP (kg/\$US '000)</b>								
1988	316	324	404	380	194	317	286	635
<b>Per capita (t)</b>								
1988	4.8	5.8	4.3	3.4	2.5	2.9	3.4	1.2
<b>Greenhouse gas emissions (mill. t of carbon)</b>								
Late 1980s								
Total	239	2,468	182	94	32	307	5,030	12,800
<b>Per unit of GDP (kg/\$US '000)</b>								
608	558	1,035	705	295	599	516	662	
<b>Per capita (t)</b>								
9.2	10.0	11.0	8.4	3.8	5.4	8.1	2.5	

Sources: OECD Environmental Indicators 1991.

## Chapter Fifteen

# Agriculture

### GROSS VALUE OF AGRICULTURAL COMMODITIES PRODUCED (\$ million)

	1987-88	1988-89	1989-90
<b>Crops</b>			
Barley for grain	454.9	558.1	708.8
Oats for grain	191.0	232.6	178.0
Wheat for grain	2,002.8	2,950.3	2,775.1
Other cereal grains	392.5	411.0	360.7
Sugar cane cut for crushing	608.9	744.2	874.0
Fruit and nuts	832.1	951.6	1,022.1
Grapes	345.6	427.3	392.2
Vegetables	928.4	1,165.3	1,328.2
All other crops(a)	1,882.4	2,202.9	2,237.2
<i>Total</i>	7,638.6	9,643.3	9,876.3
<b>Livestock slaughterings and other disposals(b)</b>			
Cattle and calves(c)	3,047.9	3,189.6	3,860.5
Sheep and lambs	803.9	738.3	585.4
Pigs	(d)536.1	629.3	656.0
Poultry	(d)671.2	730.3	777.9
<i>Total(e)</i>	(d)(e)5,074.3	5,302.3	5,893.3
<b>Livestock products</b>			
Wool	5,517.3	5,906.0	5,718.1
Milk	1,390.9	1,635.1	1,749.0
Eggs	304.4	321.4	311.8
<i>Total(f)</i>	(g)7,247.0	(h)7,894.0	(h)7,806.7
<b>Total value</b>	<b>(i)19,962.5</b>	<b>(j)22,840.4</b>	<b>(j)23,585.1</b>

(a) Includes pastures and grasses. Excludes crops for green feed or silage.  
(b) Includes net exports of livestock. (c) Includes dairy cattle slaughtered. (d) Excludes Northern Territory pigs and poultry. (e) Includes goat slaughterings, exports and buffalo slaughterings. (f) Includes honey and beeswax. (g) Includes cashmere, cashgora, mohair, liquid goat milk, honey and beeswax. Excludes Northern Territory and Australian Capital Territory milk and eggs. (h) Excludes Northern Territory milk and eggs. (i) Includes Northern Territory pigs, poultry, milk and eggs. (j) Includes Northern Territory pigs, poultry, milk and eggs and Australian Capital Territory milk and eggs.

Source: *Value of Agricultural Commodities Produced, Australia (7503.0)*.

**AREA OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY**  
 (million hectares)

<i>State/Territory</i>	<i>At 31 March</i>		
	<i>1988</i>	<i>1989</i>	<i>1990</i>
NSW	61.5	61.8	62.0
Vic.	13.1	13.1	13.1
Qld	152.5	151.3	152.3
SA	60.0	58.0	57.5
WA	113.5	112.6	110.9
Tas.	1.9	1.9	1.9
NT	69.6	68.3	68.8
<b>Aust. (Incl. ACT)</b>	<b>472.0</b>	<b>466.9</b>	<b>466.6</b>

Source: *Summary of Crops, Australia (7330.0)*

**LAND UTILISATION**  
 (million hectares)

	<i>1987-88</i>	<i>1988-89</i>	<i>1989-90</i>
<b>Area</b>			
Crops(a)	18.4	17.5	17.0
Sown pastures and grasses	28.6	30.2	30.9
<b>Balance(b)</b>	<b>425.0</b>	<b>419.2</b>	<b>418.7</b>
<b>Total</b>			
Area of establishments	472.0	466.9	466.6
% of Australian land area (768,284,000 ha)	61.4	60.8	60.7

(a) Excludes pastures and grasses harvested for hay and seed which have been included in 'sown pastures and grasses'. (b) Used for grazing, lying idle, fallow, etc.

Source: *Summary of Crops, Australia (7330.0)*

## CROPS: AREA, PRODUCTION AND GROSS VALUE, 1990-91

	Area ('000 ha)	Production ('000 t)	Gross value (\$m)
			p
Cereals for grain			
Barley	2,510	4,054	569
Grain sorghum	401	n.a.	121
Maize	52	n.a.	33
Oats	1,051	1,501	148
Rice	88	730	139
Wheat	9,236	13,053	1,950
Legumes for grain	1,222	1,061	284
Crops for hay			
Oats	251	836	77
Wheat	n.a.	n.a.	n.a.
Crops for green feed, silage			
Barley	n.a.		
Forage sorghum	n.a.		
Oats	n.a.		
Wheat	n.a.		
Sugar cane cut for crushing	328	24,596	699
Tobacco	5	14	76
Cotton	251	n.a.	821
Peanuts (in shell)	18	n.a.	24
Soybean	42	n.a.	18
Rapeseed	67	92	28
Sunflower	155	n.a.	39
Fruit (excl. grapes)	115	—	1,023
Fruit			
Orchard	91	n.a.	714
Oranges	n.a.	446	162
Apples	n.a.	n.a.	187
Pears	n.a.	n.a.	76
Peaches	n.a.	55	48
Bananas	9	n.a.	220
Pineapples	7	n.a.	37
Grapes	60	854	428
Vegetables	146	n.a.	1,259
Potatoes	37	n.a.	337
Total all crops (excluding pastures and grasses)	17,267	—	8,368

Source: Summary of Crops, Australia (7330.0); Value of Agricultural Commodities Produced, Australia (7503.0); and Viticulture, Australia (7310.0).

**VITICULTURE: PRODUCTION BY VARIETY, 1990 SEASON(a)**  
 (tonnes — fresh weight)

	Production of grapes used for			
	Wine-making	Drying	Other	Total
<b>Red grapes</b>				
Cabernet Sauvignon	35,736	—	—	35,736
Current (incl. Carina)	270	18,097	2	18,369
Grenache	29,890	—	—	29,890
Mataro	9,838	—	—	9,838
Pinot Noir	8,408	—	—	8,408
Shiraz	58,618	—	—	58,618
Other red grapes	16,566	239	13,440	30,246
<i>Total</i>	159,326	18,336	13,442	191,105
<b>White grapes</b>				
Chardonnay	34,735	—	2	34,737
Doradillo	21,586	4	—	21,589
Muscat Blanc	5,749	—	9	5,758
Muscat Gordo Blanco	67,148	10,532	177	77,864
Palomino and Pedro Ximenes	20,438	—	2	20,438
Rhine Riesling	41,457	—	—	41,457
Semillon	39,537	—	—	39,537
Sultana	55,723	214,394	22,123	292,240
Waltham Cross	2,609	6,537	3,221	12,368
Other white grapes	83,263	105	5,331	88,699
<i>Total</i>	372,243	231,579	30,865	634,687
<b>Total grapes</b>	<b>531,569</b>	<b>249,916</b>	<b>44,307</b>	<b>825,792</b>

(a) Varietal data not collected in Northern Territory and the Australian Capital Territory.

Source: Viticulture, Australia (7310.0).

**PRODUCTION OF MEAT(a)**  
(<sup>'000 tonnes</sup>)

	1988-89	1989-90	1990-91p
Carcass weight			
Beef	1,459	1,642	1,693
Veal	32	35	37
Mutton	254	333	383
Lamb	290	295	290
Pig meat	308	317	310
Total	2,343	2,622	2,714
Dressed weight(b)(c)			
Total all chickens(d)	368	385	388
Poultry(e)	407	425	430

(a) Excludes offal. (b) Excludes the Northern Territory and the Australian Capital Territory. (c) Dressed weight of whole birds, pieces and giblets.

(d) Excludes Tasmania. (e) Includes other fowls, turkeys, ducks and drakes.

Source: *Livestock and Livestock Products, Australia* (7221.0).

**TAXABLE WOOL RECEIVALS**

	1988-89	1989-90	1990-91p
Receipts ('000 t)			
Brokers (NCWSB)	755.1	911.8	915.7
Dealers(a)	136.4	138.0	93.4
Brokers and dealers	891.5	1,050.0	1,009.1
Dealers as % of total receipts	15.3	13.1	9.3

(a) Includes brokers who are not members of the National Council of Wool Selling Brokers of Australia (NCWSB).

Source: *Livestock Products, Australia* (7215.0).

**APPARENT PER CAPITA CONSUMPTION OF FOODSTUFFS**  
 (kg — unless otherwise indicated)

Commodity	1986-87	1987-88	1988-89
<b>Meat and meat products</b>			
Meat (carcass equivalent weight)			
Beef	37.3	38.2	39.5
Veal	1.9	1.8	1.5
<i>Beef and veal</i>	39.2	40.0	41.0
Lamb	15.0	14.9	14.9
Mutton	7.4	7.9	6.8
Pigmeat(a)	18.8	17.8	18.1
<i>Total</i>	78.3	80.4	80.8
Offal and meal, n.e.i.	3.4	3.6	3.0
<b>Total meat and meat products</b>	<b>81.7</b>	<b>84.0</b>	<b>83.8</b>
Poultry (dressed weight)	23.5	24.7	24.7
<b>Milk and milk products</b>			
Market milk (fluid whole litres)	102.9	101.5	100.9
Cheese (natural equivalent weight)	8.1	8.3	8.6
<b>Oils and fats</b>			
Butter	3.6	3.2	3.1
Margarine			
Table margarine	6.8	6.8	6.8
Other margarine	2.1	2.2	2.2
<i>Total margarine</i>	8.9	9.0	9.0
<b>Beverages</b>			
Tea	1.3	1.2	1.2
Coffee(b)	1.8	2.1	2.0
Aerated and carbonated waters (litres)	73.6	80.2	85.6
Beer (litres)	111.3	110.8	113.1
Wine (litres)	21.0	20.6	19.1
Spirits (litres alcohol)	1.2	1.2	1.3

(a) Includes bacon and ham. (b) Coffee and coffee products in terms of roasted coffee.

Source: *Apparent Consumption of Foodstuffs and Nutrients, Australia* (4306.0).

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## Chapter Sixteen

# Forestry and Fishing

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### MANUFACTURING ESTABLISHMENTS(a) SUMMARY OF OPERATIONS, 1988-89

1983 ASIC(b) code	Industry description	Establish-	Employ-	Wages	Turn- over
		ments at 30 June	ment at 30 June(c)	and salaries (d)	
		no.	'000	\$m	\$m
2531	Log sawmilling	588	12.1	236.7	1,124.8
2533	Veneers and manufactured boards of wood	74	5.4	136.2	811.8
2537	Hardwood wood chips	9	0.8	27.4	365.6

(a) All manufacturing establishments owned by multi-establishment enterprises and single establishment enterprises with four or more persons employed. (b) Australian Standard Industrial Classification. (c) Includes working proprietors. (d) Excludes the drawings of working proprietors.

Source: Manufacturing Industry: Summary of Operations, Australia (8202.0)

## DESTINATION OF AUSTRALIAN FISHERIES EXPORTS

Destination	1988-89		1989-90	
	Value (\$m)	Proportion of total	Value (\$m)	Proportion of total
Japan	339.1	60.0	272.0	43.8
USA	79.4	14.1	168.4	27.1
Taiwan	41.4	7.3	54.8	8.8
Hong Kong	49.4	8.7	48.1	7.7
Spain	16.4	2.9	29.3	4.7
Singapore	15.0	2.7	22.8	3.7
Korea, Republic of	2.1	0.4	3.7	0.6
Italy	7.1	1.3	3.5	0.6
New Zealand	2.2	0.4	2.8	0.5
France	2.0	0.4	2.8	0.5
Other	10.8	1.9	13.1	2.1
Total	564.9	100.0	621.3	100.0

Source: Unpublished ABS Foreign Trade Statistics

## SOURCE OF AUSTRALIAN IMPORTS OF FISH PRODUCTS

	1988-89		1989-90	
	Volume (t)	Value (\$m)	Volume (t)	Value (\$m)
Thailand	14,404	68.0	14,674	67.8
New Zealand	14,778	62.2	14,111	58.9
Canada	5,749	48.1	5,079	38.9
Malaysia	4,300	31.0	3,897	27.0
USA	4,775	30.3	4,875	26.7
Japan	3,708	17.3	5,235	24.4
Korea, Republic of	4,404	20.9	2,759	15.2
Chile	3,064	8.7	4,631	12.3
United Kingdom	2,009	10.5	3,075	10.2
Other	29,280	115.9	33,588	132.9
Total	86,471	412.9	91,924	414.3

Source: Unpublished ABS Foreign Trade Statistics.

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## Chapter Seventeen

# Mineral Industry

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**PRIVATE MINERAL EXPLORATION EXPENDITURE  
(OTHER THAN FOR PETROLEUM)**  
(\$ million)

	1987-88	1988-89	1989-90
NSW	61.5	50.6	55.1
Vic.	33.9	21.7	21.0
Qld	159.3	139.8	128.4
SA	18.9	16.6	13.2
WA	466.3	387.2	315.4
Tas.	10.4	13.1	11.8
NT	48.9	68.6	62.6
<b>Aust.</b>	<b>799.2</b>	<b>697.6</b>	<b>607.5</b>

*Source: Actual and Expected Private Mineral Exploration, Australia (8412.0).*

**PRIVATE PETROLEUM EXPLORATION EXPENDITURE**  
(\$ million)

	1987-88	1988-89	1989-90
Onshore	271.9	233.6	143.2
Offshore	223.2	405.7	439.4
<b>Total</b>	<b>495.1</b>	<b>639.3</b>	<b>582.6</b>

*Source: Actual and Expected Private Mineral Exploration, Australia (8412.0).*

**MINING ESTABLISHMENTS: SUMMARY OF OPERATIONS, 1989-90**

ASIC code	Description	Establishments at 30 June	Employment at end of June(a)	Wages and salaries (b)	Turnover	Total purchases transfers in and selected expenses	Value added	Fixed capital expenditure less disposals
		no.	no.	\$m	\$m	\$m	\$m	\$m
11	Metallic minerals	353	35,266	1,440.5	11,089.9	4,300.0	6,945.8	1,383.9
12-13	Coal, oil and gas	261	34,308	1,793.3	13,242.9	3,623.2	9,819.6	1,710.1
14	Construction materials	535	5,965	173.8	1,394.8	623.4	787.9	144.2
15	Other non-metallic minerals	164	2,834	96.1	845.5	242.8	606.4	43.1
<b>Total mining (excluding services to mining)</b>		<b>1,313</b>	<b>78,373</b>	<b>3,503.7</b>	<b>26,573.1</b>	<b>8,789.4</b>	<b>16,159.5</b>	<b>3,281.3</b>

(a) Includes working proprietors. (b) Excludes the drawings of working proprietors.

Source: *Census of Mining Establishments, Details of Operations by Industry Class, Australia, 1989-90 (8402.0)*.

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## Chapter Eighteen

# Energy

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### ESTIMATES OF AUSTRALIA'S DEMONSTRATED ECONOMICALLY RECOVERABLE RESOURCES OF ENERGY AS AT DECEMBER 1990

Black Coal	51.1 Gt
Brown Coal	41.7 Gi
Natural Gas	941 TL
Uranium	469 kt
Crude Oil, Gas Condensate and LPG	491 GL

Source: Department of Primary Industries and Energy

### PETROLEUM PRODUCTION

Year	Crude oil and condensate	Natural gas	
		ML	GL
1988-89	28,255	3,763	15,772
1989-90	31,993	3,785	20,077
1990-91	31,956	3,547	21,109

(a) Naturally occurring

Source: Department of Primary Industries and Energy.



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## Chapter Nineteen

# Manufacturing & Retail

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### MANUFACTURING INDUSTRY: CONTRIBUTION TO ALL INDUSTRY AGGREGATES

	1987-88	1988-89	1989-90
Gross product at constant (average 1984-85) market prices			
Manufacturing (\$m)	42,016	44,517	46,137
All Industries (\$m)	239,903	251,489	262,530
Manufacturing sector contribution to all industry aggregates for			
Constant price gross product (%)	17.5	17.7	17.6
Employment (%)	18.1	17.5	17.3

Source: Australian National Accounts: Gross Product, Employment and Hours Worked (5211.0); Employed Wage and Salary Earners, Australia (6248.0).

### INDEXES OF MANUFACTURING INDUSTRY GROSS PRODUCT AT AVERAGE 1984-85 PRICES (Base: 1984-85 = 1,000)

Industry subdivision	1988-89	1989-90	1990-91
Food, beverages and tobacco	1,141	1,208	1,283
Textiles	1,105	1,174	1,051
Clothing and footwear	1,102	847	780
Wood, wood products and furniture	1,200	1,300	1,176
Paper, paper products, printing and publishing	1,252	1,324	1,196
Chemical, petroleum and coal products	1,129	1,182	1,153
Non-metallic mineral products	1,233	1,196	1,010
Basic metal products	1,070	1,098	1,029
Fabricated metal products	1,343	1,558	1,406
Transport equipment	1,039	983	739
Other machinery and equipment	1,251	1,266	1,189
Miscellaneous manufacturing	1,185	1,219	1,117
<b>Total</b>	<b>1,169</b>	<b>1,206</b>	<b>1,127</b>

Source: Quarterly indexes of Industrial Production, Australia (8125.0).

## SUMMARY OF OPERATIONS OF THE MANUFACTURING INDUSTRY, 1989-90

Industry subdivision	Establishments operating at 30 June	Employment at 30 June(a)	Wages and salaries (b)	Turnover	Persons employed per establishment	Turnover per person employed
	no.	'000	\$m	\$m	no.	\$'000
Food, beverages and tobacco	4,177	171.7	4,206	33,256	41	193.7
Textiles	914	29.0	738	4,126	32	142.3
Clothing and footwear	2,683	65.8	1,283	5,052	25	76.8
Wood, wood products and furniture	6,945	83.6	1,856	8,287	12	99.1
Paper, paper products, printing and publishing	4,737	106.8	3,030	13,590	23	127.2
Chemical, petroleum and coal products	1,141	51.7	1,720	18,883	45	385.2
Non-metallic mineral products	1,877	42.8	1,258	7,856	23	183.6
Basic metal products	820	87.1	2,326	20,578	82	306.7
Fabricated metal products	6,686	104.9	2,649	12,778	16	121.8
Transport equipment	2,125	106.0	2,932	16,677	50	157.3
Other machinery equipment	5,716	134.8	3,802	15,902	24	118.1
Miscellaneous manufacturing	3,976	64.0	1,620	8,059	16	125.9
<b>Total</b>	<b>41,797</b>	<b>1,028.0</b>	<b>27,220</b>	<b>165,045</b>	<b>25</b>	<b>160.5</b>

(a) Includes working proprietors (b) Excludes the drawings of working proprietors.

Source: Manufacturing Industry, Australia, Preliminary (8201.0).

**TURNOVER OF RETAIL ESTABLISHMENTS (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)**  
**(\$ million)**

Industry	1988-89	1989-90	1990-91
Grocers, confectioners, tobacconists	21,598.6	23,635.5	25,468.1
Butchers	2,044.5	2,220.4	2,237.2
Other food stores	5,085.3	5,769.2	5,938.3
Hotels, liquor stores, licensed clubs	10,768.1	11,730.9	11,985.7
Cafes and restaurants	3,590.1	4,327.6	4,295.7
Clothing and fabric stores	6,584.6	6,378.4	6,496.2
Department and general stores	9,284.8	9,726.0	9,734.1
Footwear stores	1,029.2	1,146.7	1,200.1
Domestic hardware stores, jewellers	2,852.8	2,767.8	2,591.9
Electrical goods stores	4,663.7	5,339.3	5,217.3
Furniture stores	1,735.3	1,822.2	1,828.0
Floor coverings stores	787.8	781.5	745.7
Pharmacies	2,897.6	3,324.0	3,688.8
Newspagents	2,895.8	3,188.8	3,079.8
Other stores	4,146.1	4,525.4	4,588.2
<b>Total</b>	<b>79,963.6</b>	<b>86,659.7</b>	<b>89,094.9</b>

Source: *Retail Trade, Australia (8501.0)*.



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## Chapter Twenty

# Prices

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### CONSUMER PRICE INDEX: ALL GROUPS INDEX NUMBERS (Base of each Index: Year 1980-81 = 100.0)

Year	<i>Weighted average of eight capital cities</i>
1988-89(a)	187.3
1989-90	202.3
1990-91	213.0

(a) These series have been affected by a change in the treatment of mortgage interest charges from March Quarter 1989.

Source: Consumer Price Index (6401.0).



# Chapter Twenty-one

## Construction and Housing

### CONTRIBUTION OF CONSTRUCTION INDUSTRY TO GROSS PRODUCT AT AVERAGE 1984-85 PRICES (\$ million)

Industry	1988-89	1989-90	1990-91
Construction	17,948	18,240	16,833
All Industries(a)	253,880	264,668	261,701
Per cent contribution	7.1	6.9	6.4

(a) Includes ownership of dwellings, and import duties less imputed bank service charge.

Source: Australian National Accounts: Gross Product, Employment and Hours Worked (5211.0).

### PRIVATE AND PUBLIC CONSTRUCTION ACTIVITY AT AVERAGE 1984-85 PRICES (\$ million)

Year/quarter	Residential building	Non-residential building	Engineering construction	Total construction
<b>1990</b>				
March	2,137	2,317	1,811	6,265
June	2,150	2,423	2,072	6,644
September	2,151	2,451	1,960	6,562
December	2,179	2,440	1,995	6,613
<b>1991</b>				
March	1,882	1,960	1,803	5,645
June	1,946	2,063	2,105	6,114
September	1,950	1,879	1,761	5,589

Source: Construction Activity at Constant Prices, Australia (8782.0).

**RESIDENTIAL BUILDING, 1990-91**  
 ('000)

	New houses	New other residential building
<b>Private Sector</b>		
Approved	91.0	26.3
Commenced	87.0	24.4
Completed	94.0	28.9
<b>Public Sector</b>		
Approved	3.1	5.7
Commenced	3.4	6.4
Completed	3.8	7.7
<b>Total</b>		
Approved	94.1	32.0
Commenced	90.5	30.9
Completed	97.8	36.7

Source: *Building Approvals, Australia (8731.0)* and *Building Activity, Australia (8752.0)*.

**VALUE OF RESIDENTIAL BUILDING, 1990-91**  
 (\$ million)

<i>Class of building</i>	<i>Approved</i>	<i>Work done(a)</i>
<b>New residential buildings</b>		
New houses	7,998.8	8,550.6
New other residential buildings	2,254.5	2,620.0
<i>Total new residential buildings</i>	<i>10,253.3</i>	<i>11,170.6</i>
<b>Alterations and additions to residential buildings(b)</b>	<b>1,894.9</b>	<b>2,131.3</b>

(a) During period. (b) Valued at \$10,000 or more.

Source: *Building Approvals, Australia (8731.0)* and *Building Activity, Australia (8752.0)*.

**VALUE OF NON-RESIDENTIAL BUILDING**  
(\$ million)

Class of building	1989-90		1990-91	
	App-roved	Work done(a)	App-roved	Work done(a)
Hotels, etc.	929.6	1,326.1	526.0	1,193.8
Shops	1,917.6	2,052.4	1,256.2	1,584.2
Factories	1,475.8	1,640.1	1,111.7	1,312.6
Offices	4,253.3	5,504.4	2,383.3	4,730.6
Other business premises	1,634.7	1,736.4	1,054.3	1,608.9
Educational	1,070.0	1,088.8	928.1	1,225.6
Religious	73.6	86.8	76.1	81.2
Health	607.2	720.7	526.2	678.0
Entertainment and recreational	545.5	706.2	536.0	649.9
Miscellaneous	692.4	673.3	559.4	665.0
<b>Total non-residential building(b)</b>	<b>13,199.7</b>	<b>15,535.3</b>	<b>8,957.4</b>	<b>13,727.8</b>

(a) During period. (b) Valued at \$30,000 or more.

Source: Building Approvals, Australia (8731.0) and Building Activity, Australia (8752.0).

**VALUE OF ENGINEERING CONSTRUCTION WORK DONE, 1990-91**  
(\$ million)

	For the private sector	For the public sector	Total
Roads, highways and subdivisions	1,022.8	2,381.6	3,404.4
Bridges	11.0	229.0	240.0
Railways	17.7	406.8	424.4
Harbours	49.0	101.2	150.2
Water storage and supply	100.2	667.7	767.9
Sewerage and drainage	93.8	583.2	677.0
Electricity generation, transmission and distribution	94.2	1,458.7	1,552.9
Pipelines	68.3	104.6	172.9
Recreation	321.3	160.8	482.1
Telecommunications	8.8	2,302.8	2,311.6
Heavy industry	1,329.1	126.1	1,455.2
Other	24.4	31.5	55.9
<b>Total</b>	<b>3,140.5</b>	<b>8,554.0</b>	<b>11,694.5</b>

Source: Engineering Construction Activity, Australia (8762.0).

**ESTABLISHED HOUSE AND PROJECT HOME PRICE INDEXES**  
 (Base of index: September quarter 1986 = 100.0)

City	1988-89	1989-90	1990-91
ESTABLISHED HOUSE PRICE INDEX			
Sydney	176.9	185.9	186.8
Melbourne	142.0	155.4	148.0
Brisbane	135.9	157.7	180.3
Adelaide	111.2	121.8	129.4
Perth	153.6	172.6	183.7
Hobart	116.1	124.6	132.4
Darwin	100.4	101.6	111.0
Canberra	121.3	129.2	138.6
PROJECT HOME PRICE INDEX			
Sydney	139.6	152.8	157.3
Melbourne	121.0	132.9	137.2
Brisbane	135.9	152.6	159.1
Adelaide	110.7	115.1	120.3
Perth	134.2	143.0	131.5
Hobart	114.9	122.9	130.8
Darwin	116.2	137.8	145.1
Canberra	109.4	119.4	132.1

Source: House Price Indexes: Eight Capital Cities (6416.0)

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## Chapter Twenty-two

# Transport and Communications

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### ALL ROADS OPEN FOR GENERAL TRAFFIC, 30 JUNE 1990 (kilometres)

<i>Surface of roads</i>	
Bitumen or concrete	288,702
Gravel, crushed stone or other improved surface	217,932
Formed only	223,509
Cleared only	82,121
<b>Total</b>	<b>810,264</b>

Source: Derived mainly from local government sources in each State and the ACT Department of Urban Services.

### MOTOR VEHICLES ON REGISTER ('000)

Type of vehicle	At 30 June		
	1988	1989	1990
Motor cars and station wagons	7,243.8	7,442.2	7,872.3
Utilities, trucks, panel vans, other truck type vehicles and buses	1,977.6	2,047.3	2,104.3
<b>Total (excludes motor cycles)</b>	<b>9,221.1</b>	<b>9,489.5</b>	<b>9,776.6</b>
Motor cycles	323.3	316.6	304.0

Source: Motor Vehicle Registrations, Australia (9304.0)

**MOTOR VEHICLES(a) ON REGISTER PER 1,000 OF POPULATION**

State/Territory	At 30 June		
	1988	1989	1990
NSW	523.8	532.7	537.8
Vic.	589.8	583.3	580.0
Qld	568.0	574.9	580.5
SA	580.3	584.9	583.3
WA	587.4	597.0	612.2
Tas.	607.2	617.0	630.5
NT	440.5	465.8	479.7
ACT	496.5	512.3	539.2
<b>Aust.</b>	<b>559.9</b>	<b>564.6</b>	<b>572.3</b>

(a) Excludes motor cycles, tractors, plant and equipment, caravans and trailers.

Source: Motor Vehicle Registrations, Australia (9304 0).

**REGISTRATIONS OF NEW MOTOR VEHICLES**

Type of vehicle	1988-89	1989-90	1990-91
Motor cars and station wagons	447,913	492,235	430,874
Utilities	44,260	49,404	42,499
Panel vans	26,070	32,617	29,896
Trucks			
Rigid	36,973	41,074	29,173
Articulated	3,669	4,065	2,142
Other truck type vehicles	1,668	1,815	1,648
Buses	6,871	6,552	6,222
<b>Total (excludes motor cycles)</b>	<b>589,224</b>	<b>627,782</b>	<b>542,454</b>
Motor cycles	19,076	20,453	20,506

Source: Motor Vehicle Registrations, Australia (9304 0).

**TOTAL ANNUAL KILOMETRES TRAVELED  
YEAR ENDED 30 SEPTEMBER 1988  
(million kilometres)**

Type of vehicle	Total business(a)	To and from work, paid and unpaid	Private	Total
Cars and station wagons	24,761.9	29,743.4	62,134.5	116,639.8
Motor cycles	195.2	696.5	1,032.3	1,924.0
Utilities and panel vans	13,333.6	3,470.9	5,177.1	21,981.6
Rigid trucks	7,299.1	280.6	280.3	7,839.8
Articulated trucks	3,824.6	10.0	1.2	3,835.7
Non-freight carrying trucks	237.1	13.9	10.1	261.1
Buses	1,409.2	7.7	15.9	1,432.8
<b>Total</b>	<b>51,080.5</b>	<b>34,223.0</b>	<b>68,631.4</b>	<b>153,914.9</b>

(a) Includes the total kilometres travelled for business purposes of cars, station wagons, motor cycles, utilities and panel vans predominantly used for private purposes.

Source: Survey of Motor Vehicle Use, Australia (9208.0).

**DRIVERS' AND RIDERS' LICENCES, 30 JUNE 1991  
(number)**

State/Territory	Type of licence			Total
	Motor vehicle	Motor cycle	Combined	
NSW	3,639,704	317,520	—	3,957,224
Vic.	2,785,753	157,916	—	2,943,669
Qld	1,831,458	323,124	—	2,154,582
SA	978,108	196,428	—	1,174,536
WA	817,354	126,650	—	944,004
Tas.	247,152	214	34,203	281,569
NT	92,387	19,734	—	112,121
ACT	170,118	—	22,636	192,754
Aust.	10,582,034	1,141,588	56,839	11,780,459

Source: Motor Registry in each State and Territory

## ROAD TRAFFIC ACCIDENTS INVOLVING FATALITIES

<i>State/Territory</i>	<i>1988</i>	<i>1989</i>	<i>1990</i>
ACCIDENTS INVOLVING FATALITIES			
NSW	912	783	702
Vic.	615	681	490
Qld	483	376	348
SA	204	201	187
WA	199	214	181
Tas.	68	68	63
NT	46	56	54
ACT	32	28	22
<b>Aust.</b>	<b>2,559</b>	<b>2,407</b>	<b>2,045</b>
PERSONS KILLED			
NSW	1,037	960	797
Vic.	701	776	548
Qld	539	428	399
SA	223	222	226
WA	230	242	196
Tas.	75	80	71
NT	51	61	68
ACT	32	34	24
<b>Aust.</b>	<b>2,688</b>	<b>2,803</b>	<b>2,329</b>

Source: *Road Traffic Accidents involving Fatalities, Australia (9401 0)*.

## BUS AND TRAM SERVICES: GOVERNMENT AND MUNICIPAL

	1987-88(a)	1988-89(b)	1989-90(b)
Route-kilometres at 30 June			
Bus (km)	n.a.	16,217	n.a.
Tram (km)	343	351	239
Vehicle kilometres			
Bus ('000)	214,687	254,355	289,291
Tram ('000)	24,621	24,971	24,940
Rolling stock at 30 June			
Bus (no.)	5,962	5,950	5,957
Tram (no.)	641	651	684
Passenger journeys			
Bus ('000)	387,601	494,476	472,770
Tram ('000)	117,876	121,444	97,593

(a) Excludes details of metropolitan bus and tram services in South Australia.

(b) Victorian public and private transport state-wide merged into the Public Transport Corporation in 1989-90.

Source: Various State and Territory tram and bus authorities.

GOVERNMENT RAILWAYS: SUMMARY OF OPERATIONS  
1989-90

Train-kilometres ('000)(a)(b)	
Suburban passenger	n.a.
Country passenger	18,435
Goods(b)	66,061
Total	n.a.
Passenger journeys ('000)(c)	
Suburban	403,428
Country(d)	10,330
Total	413,769
Freight	
Tonnes carried ('000)(d)	185,531
Net tonne-kilometres (mill.)(e)	53,338

(a) One train (i.e., a complete unit of locomotive and vehicles, electric train set, or rail motor) travelling one kilometre for revenue purposes. (b) Includes mixed train-kilometres. (c) Based on ticket sales making allowances for periodical tickets. Tickets sold at concession rates are counted as full journeys. (d) Inter-system traffic is included in the total for each system over which it passes. (e) One tonne carried one kilometre.

Source: Various rail authorities, the Rail Industry Council and the ABS.

**GOVERNMENT RAILWAYS: TRAIN-KILOMETRES(a)**  
 ('000 kilometres)

System	1987-88	1988-89	1989-90
NSW	61,954	61,503	60,442
Vic.	27,435	26,826	26,332
Qld	34,099	33,572	32,927
SA	n.a.	n.a.	n.a.
WA	9,465	9,472	10,873
Australian National	10,880	10,654	11,363
<b>Aust.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>

(a) One train (i.e., a complete unit of locomotive and vehicles, electric train set, or rail motor) travelling one kilometre for revenue purposes.

Source: Various rail authorities, the Rail Industry Council and the ABS.

**SUMMARY OF THE AUSTRALIAN TRADING FLEET OF SHIPS  
150 GROSS TONNES OR MORE, 30 JUNE 1990**

<i>Ships</i>	<i>Number</i>	<i>DWT(a)</i>	<i>Gross tonnes</i>
<b>Major Australian fleet(b)</b>			
<i>Coastal</i>			
Australian owned and registered	36	1,196,182	801,079
Australian owned, overseas registered	1	35,244	20,570
Overseas owned, Australian registered	6	92,798	60,356
Overseas owned and registered	2	7,100	14,426
<i>Coastal fleet</i>	<b>45</b>	<b>1,333,324</b>	<b>886,431</b>
<i>Overseas</i>			
Australian owned and registered	19	1,586,580	926,977
Australian owned, overseas registered	1	41,151	29,223
Overseas owned, Australian registered	8	541,981	384,505
Overseas owned and registered	2	30,224	19,425
<i>Overseas fleet</i>	<b>30</b>	<b>2,199,936</b>	<b>1,360,134</b>
<i>Major Australian fleet</i>	<b>75</b>	<b>3,533,260</b>	<b>2,246,565</b>
<i>Other trading ships</i>			
Australian owned and registered	18	7,998	9,831
<b>Australian trading fleet</b>	<b>93</b>	<b>3,541,258</b>	<b>2,256,396</b>

(a) Dead weight tonnage. (b) 2,000 DWT and over.

Source: Department of Transport and Communications

## SCHEDULED INTERNATIONAL AIRLINE TRAFFIC(a), 1989-90

Type of traffic	Number of flights (b)(c)	Passen- gers	Freight tonnes	Mail tonnes
Traffic to Australia				
Qantas Airways Limited	8,326	1,635,326	66,483	1,285
Other airlines	12,993	2,540,065	110,752	7,844
<b>All airlines</b>	<b>21,319</b>	<b>4,175,391</b>	<b>177,235</b>	<b>9,129</b>
Traffic from Australia				
Qantas Airways Limited	8,186	1,594,466	58,517	4,803
Other airlines	12,806	2,484,453	119,043	2,227
<b>All airlines</b>	<b>20,992</b>	<b>4,078,919</b>	<b>177,560</b>	<b>6,830</b>

(a) Australia and Norfolk Island. (b) Includes Qantas flights using aircraft leased from other airlines and vice versa. (c) The difference between in/out numbers arises because some outward flights are operated as non-scheduled, and thus not counted in the above table.

Source: Department of Transport and Communications.

## OPERATIONS OF AUSTRALIA'S SCHEDULED OVERSEAS AIRLINE SERVICES

		1987-88	1988-89	1989-90
Hours flown	no.	126,812	140,172	148,706
Kilometres flown	'000	98,999	109,102	115,783
Passengers				
Embarkations	no.	3,612,197	3,947,544	4,078,669
Passenger-kilometres	'000	24,535,745	28,516,771	27,054,999
Freight				
Tonnes uplifted	!	119,202	130,635	146,937
Tonne-kilometres	'000	855,260	929,458	1,072,999
Mail				
Tonnes uplifted	!	5,858	5,988	5,963
Tonne-kilometres	'000	57,946	61,049	59,398

Source: Department of Transport and Communications.

## DOMESTIC AIRLINE ACTIVITY

Domestic airlines	1988-89	1989-90	1990-91
Domestic Airlines			
Passengers ('000)	14,012.1	9,905.2	14,098.8
Passenger kilometres (mill.)	13,732.7	9,989.5	14,505.0
Revenue passenger load factor (%)	78.4	72.2	70.8
Cargo tonnes ('000)(a)	169.1	96.0	136.3
Cargo tonnes kilometres (mill.)(a)	161.4	93.7	140.8
Total tonnes kilometres (mill.)	1,397.4	992.3	1,446.3
Revenue weight load factor (%)	83.7	59.4	57.0
Hours flown ('000)	290.3	385.9	583.4
Aircraft movements ('000)	420.0	256.4	375.0
Commuter airlines			
Passenger ('000)	1,324.1	1,580.4	p1,448.1
Cargo tonnes ('000)(a)	n.a.	2.4	p1.6

(a) Includes freight and mail.

Source: Department of Transport and Communications — AVSTATS.

## AIR TRANSPORT: ACCIDENTS INVOLVING CASUALTIES(a)(b)

	1987	1988	1989
Number	44	53	49
Persons killed	33	63	66
Persons seriously injured	42	32	36

(a) Accidents involving civil aircraft (including registered gliders and registered balloons) which resulted in death or serious injury. Excludes parachutists and casualties involving non-registered aircraft. (b) Excludes accidents outside Australia involving aircraft on the Australian register; includes all accidents to overseas registered aircraft that occur in Australia.

Source: Department of Transport and Communications.

## BROADCASTING STATIONS, 30 JUNE 1991

Type of station	
National ABC	
Medium frequency (AM)	108
High frequency (HF)	14
Very high frequency (FM)	288
National SBS	
Medium frequency (AM)	4
Very high frequency (FM)	—
International	
Short wave (Radio Australia)	14
Commercial	
Medium frequency (AM)	140
Very high frequency (FM)	63
Public	
Medium frequency (AM)	12
Very high frequency (FM)	106

Source: Department of Transport and Communications.

**AUSTRALIAN POSTAL CORPORATION  
TOTAL POSTAL ARTICLES HANDLED  
('000)**

Year ended 30 June	Posted for delivery within Australia	Posted for places abroad	Received from abroad	Total postal articles handled
1988	3,342,321	142,280	177,417	3,662,018
1989	3,564,366	157,605	193,988	3,915,959
1990	3,663,664	171,281	213,716	4,048,661

Source: Australian Postal Corporation

## Chapter Twenty-three

# Science and Technology

GROSS EXPENDITURE ON RESEARCH AND EXPERIMENTAL DEVELOPMENT (GERD) CARRIED OUT IN AUSTRALIA, AT AVERAGE 1984-85 PRICES  
(\$ million)

Sector	1987-88	1988-89r	1989-90
<b>Business enterprises</b>			
Private sector	1,051.5	1,215.6	1,204.6
Public sector	192.1	108.8	131.0
<b>General government</b>			
Commonwealth	654.2	672.8	n.a.
State	323.6	354.2	n.a.
<b>Higher education</b>			
Universities	788.7	816.5	
CAEs	40.3	41.0	n.a.
<b>Private non-profit</b>	47.4	47.3	n.a.
<b>Total</b>	<b>2,997.8</b>	<b>3,256.2</b>	n.a.

Source: *Research and Experimental Development, All Sector Summary, Australia (8112.0)*.



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## Chapter Twenty-four

# Financial Institutions

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VALUE OF AUSTRALIAN NOTES ON ISSUE  
(\$ million)

	<i>Last Wednesday in June</i>		
	1989	1990	1991
\$1	36	43	43
\$2	54	75	73
\$5	241	233	249
\$10	643	691	679
\$20	2,554	2,289	2,048
\$50	4,037	4,425	5,345
\$100	4,781	5,225	6,356
<b>Total</b>	<b>12,346</b>	<b>12,981</b>	<b>14,793</b>
Increase per cent	8.6	5.1	14.0

Source: Reserve Bank of Australia.

**AUSTRALIAN DECIMAL COIN: NET ISSUES BY RESERVE BANK  
(\$ million)**

	<i>Last Wednesday in June</i>		
	1989	1990	1991
1c	1.2	1.4	- 1.5
2c	1.3	1.8	- 4.0
5c	2.7	3.9	0.4
10c	2.9	3.6	- 0.5
20c	- 6.4	- 0.9	- 3.2
50c	- 3.4	0.9	- 1.8
\$1	- 26.3	- 7.9	- 1.8
\$2	239.6	31.9	16.1
<b>Total</b>	<b>211.5</b>	<b>34.6</b>	<b>3.7</b>

Source: Reserve Bank of Australia.

**VOLUME OF MONEY  
(\$ million)**

	<i>Average weekly figures for June</i>		
	1989	1990	1991
Notes and coins in hands of public	12,193	12,840	14,620
Current deposits with banks(a)	28,120	29,058	30,223
Other deposits with banks(a)			
Certificates of deposit	21,052	22,864	29,578
Term	63,507	75,628	75,955
Other	41,635	50,020	52,604
<b>Total</b>	<b>166,506</b>	<b>190,410</b>	<b>202,981</b>

(a) Excludes deposits of the Commonwealth and State Governments and inter-bank deposits.

Source: Reserve Bank of Australia.

## INTEREST RATES AT 30 JUNE 1990 AND 1991

	Per cent per annum	
	1990	1991
Fixed deposits (less than \$50,000)		
30 days	13.25	9.25
3 months	14.00	10.00
6 months	14.00	9.75
12 months	14.25	10.00
Overdrafts		
Less than \$100,000	18.75/20.75	14.25/18.50
\$100,000 and over	18.25/18.75	14.00/14.25

Source: Reserve Bank of Australia *Bulletin*.

LENDING COMMITMENTS BY FINANCIAL INSTITUTIONS  
(\$ million)

Type of lending activity	1988-89	1989-90	1990-91
Housing finance	22,787.8	18,821.8	20,652.8
Personal finance	22,419.2	22,309.4	20,205.0
Commercial finance	115,055.9	94,947.9	87,452.2
Lease finance	8,801.7	8,217.9	5,209.4
<b>Total</b>	<b>169,064.6</b>	<b>144,297.0</b>	<b>133,519.4</b>

Source: Various ABS publications: 5609.0, 5642.0, 5643.0 and 5644.0.

**FINANCIAL CORPORATIONS: ASSETS AND LIABILITIES(a), 1989-90**  
**(\$ million)**

	Amount owing on loans	Cash placements and deposits	Bills, bonds and other securities	Other assets	Total assets
Permanent building societies	16,374.4	1,443.5	3,663.5	946.8	22,428.4
Cooperative housing societies	2,507.4	70.3	-	7.5	2,585.2
Credit cooperatives	6,977.9	1,009.7	344.5	376.6	8,708.7
Authorised money market dealers	1.0	243.1	5,783.6	17.7	6,025.4
Money market corporations	26,044.7	9,128.6	10,987.3	5,074.0	51,234.6
Finance companies	26,120.0	1,586.1	952.2	10,487.5	39,145.8
General financers	4,707.4	711.5	1,300.3	3,875.3	10,594.5
Other financial corporations	1,490.3	322.6	2,435.3	145.8	4,394.0
<b>Total</b>	<b>84,223.1</b>	<b>14,815.6</b>	<b>28,446.7</b>	<b>20,931.2</b>	<b>145,118.8</b>
		Share capital and reserves	Borrowings	Other liabilities	Total liabilities
Permanent building societies		6,864.4	15,145.6	418.4	22,428.4
Cooperative housing societies		39.8	2,528.9	16.6	2,585.3
Credit cooperatives		605.3	8,013.2	90.2	8,708.7
Authorised money market dealers		95.7	5,878.2	51.4	6,025.4
Money market corporations		2,282.4	45,787.9	3,184.4	51,234.6
Finance companies		3,282.2	34,032.9	1,830.6	39,145.8
General financers		821.7	9,284.7	688.1	10,594.5
Other financial corporations		292.4	4,066.4	35.3	4,394.0
<b>Total</b>		<b>14,083.9</b>	<b>124,717.8</b>	<b>8,315.0</b>	<b>145,118.8</b>

(a) At the balance date of corporations within the year shown.

Source: Various ABS publications: 5616.0, 5618.0, 5632.0, 5633.0, 5648.0 and 5650.0.

## Chapter Twenty-five

# Public Finance

**COMMONWEALTH GENERAL GOVERNMENT BUDGET  
SECTOR TRANSACTIONS  
(\$ million)**

	1988-89	1989-90	1990-91
<b>Current outlays</b>			
Final consumption expenditure	14,716	15,526	17,243
Current transfer payments	63,973	66,859	75,186
<i>Total current outlays</i>	<i>78,689</i>	<i>84,185</i>	<i>92,429</i>
<b>Capital outlays</b>			
Gross capital formation(s)	532	887	971
Net land and intangible assets	- 121	24	- 86
Capital transfer payments	3,736	3,926	4,245
Net advances	- 205	- 1,197	- 1,540
<i>Total capital outlays</i>	<i>3,942</i>	<i>3,440</i>	<i>3,612</i>
<b>Total outlays</b>	<b>82,631</b>	<b>87,825</b>	<b>96,041</b>
<b>Revenue</b>			
Taxes, fees and fines	83,833	91,244	93,078
Non-taxation revenue			
Interest, rent, dividends, royalties, etc.	4,880	4,627	4,859
<b>Total revenue</b>	<b>88,713</b>	<b>95,871</b>	<b>97,937</b>

(a) Gross Capital Formation covers the purchase of new fixed assets purchased less sales of second-hand fixed assets and increase in stocks.

Source: *Budget Paper No. 1, Budget Statements, 1991-92*.

**FINANCIAL TRANSACTIONS OF COMMONWEALTH GOVERNMENT  
(\$ million)**

	1987-88	1988-89	1989-90
<b>Current outlays</b>	<b>77,230</b>	<b>79,985</b>	<b>86,354</b>
General government final consumption expenditure	18,472	17,485	18,691
Required current transfer payments(a)	9,131	8,850	9,079
Unrequited current transfer payments	51,626	53,650	58,584
<b>Capital outlays</b>	<b>6,153</b>	<b>7,690</b>	<b>11,785</b>
Gross fixed capital expenditure	3,903	4,174	6,078
Increase in stocks	-395	176	2,751
Expenditure on land and intangible assets (net)	-356	99	157
Capital transfer payments	3,431	3,457	3,858
Advances paid (net)	-431	-215	-1,057
<b>Revenue and grants received</b>	<b>84,581</b>	<b>92,506</b>	<b>98,478</b>
Taxes, fees and fines	75,396	83,958	91,237
Net operating surpluses of public trading enterprises	3,294	3,711	2,592
Property income and other revenue	5,891	4,838	4,846
<b>Financing transactions(b)</b>	<b>-1,196</b>	<b>-4,831</b>	<b>-338</b>

(a) Interest, land rent, royalties and dividends paid. (b) Calculated as a residual.

Source: Government Finance Statistics, Australia (5512.0).

**GRANTS TO STATES AND TERRITORIES, 1989-90  
(\$ million)**

State/Territory	Grants		
	Current	Capital	Total
NSW	6,875	1,090	7,965
Vic.	5,369	737	6,106
Qld	3,945	552	4,497
SA	2,231	297	2,528
WA	2,388	378	2,766
Tas.	815	201	1,016
NT	789	175	964
ACT	510	76	586
<b>Aust.</b>	<b>22,922</b>	<b>3,505</b>	<b>26,426</b>

Source: Government Finance Statistics, Australia (5512.0)

**NET ADVANCES TO STATES AND THE TERRITORIES, 1989-90**  
(\$ million)

	<i>Total</i>
Net advances	- 485
Defence	- 2
Housing and community amenities	- 135
Recreation and culture	—
Fuel and energy	- 4
Agriculture, forestry, fishing and hunting	- 25
Mining, manufacturing and construction	—
Transport and communications	- 6
Other purposes	- 315

NOTE: Minus sign (-) denotes excess of repayments.

Source: *Government Finance Statistics, Australia* (5812.0).

**COMMONWEALTH GOVERNMENT TAXES, FEES AND FINES**  
(\$ million)

Type of tax	1988-89	1989-90	1990-91
Taxes, fees and fines	83,918	91,185	93,322
Taxes on income	58,417	64,099	66,377
Employers' payroll taxes	1,069	1,204	1,312
Taxes on property	486	387	247
Taxes on provision of goods and services	23,085	24,571	24,288
Taxes on use of goods and performance of activities	208	238	183
Fees and fines	654	686	915

Source: *Taxation Revenue, Australia* (5506.0).



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## Chapter Twenty-six

# National Accounts

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GROSS DOMESTIC PRODUCT AT AVERAGE 1984-85 PRICES  
(\$ million)

	1988-89	1989-90	1990-91
Final consumption expenditure			
Private	144,363	150,554	152,023
Government	44,844	48,548	48,395
Gross fixed capital expenditure			
Private			
Dwellings	12,234	11,660	10,333
Non-dwelling construction	10,820	11,271	9,639
Equipment	22,384	21,890	19,576
Real estate transfer expenses	3,379	2,460	2,395
Public enterprises	7,611	9,357	8,998
General government	6,060	6,523	6,830
Increase in stocks			
Private non-farm	2,791	1,340	-1,662
Farm	141	-162	-70
Public marketing authorities	183	1,913	1,022
Other public authorities	-36	185	-143
Statistical discrepancy	5,508	5,308	1,256
Gross national expenditure	260,282	268,847	258,592
Exports of goods and services	43,257	48,433	52,462
Less imports of goods and services	53,038	55,811	53,818
Gross domestic product (i)	250,501	259,469	257,236
Gross farm product	8,109	8,922	9,827
Gross non-farm product(i)	242,392	250,547	247,409

Source: Australian National Accounts: National Income and Expenditure (5206.0).



## Chapter Twenty-seven

# International Accounts

**CURRENT ACCOUNT**  
(\$ million)

	1988-89	1989-90	1990-91
<b>Current transactions</b>			
Goods and services			
Merchandise(a)			
Exports f.o.b.	43,073	47,815	51,822
Imports f.o.b.	- 47,032	- 50,991	- 49,257
Balance on merchandise trade	- 3,959	- 3,176	2,565
Services			
Credits	10,959	11,859	13,292
Debits	- 14,070	- 16,212	- 16,629
Net services	- 3,111	- 4,353	- 3,337
Balance on goods and services	- 7,070	- 7,529	- 772
Income			
Credits	4,246	4,918	5,049
Debits	- 17,868	- 21,958	- 22,355
Net income	- 13,622	- 17,040	- 17,306
Unrequited transfers			
Credits	4,210	4,518	4,728
Debits	- 2,012	- 2,172	- 2,242
Net unrequited transfers	2,198	2,346	2,486
<b>Balance on current account</b>	<b>- 18,494</b>	<b>- 22,223</b>	<b>- 15,592</b>

(a) Balance of payments basis.

Source: *Balance of Payments, Australia, July 1991* (5301.0) and *Balance of Payments, Australia, June Quarter 1991* (5302.0).

**CAPITAL ACCOUNT AND BALANCING ITEM(s)**  
(\$ million)

	1988-89	1989-90	1990-91
<b>Net capital transactions</b>			
Official			
General government			
Foreign investment in Australia	3,033	2,660	- 1,842
Australian investment abroad	- 359	- 86	13
Total general government	2,674	2,574	- 1,829
Reserve Bank			
Foreign investment in Australia	-	24	- 22
Australian investment abroad	- 873	- 2,156	- 1,446
Total Reserve Bank	- 873	- 2,132	- 1,468
Total official	1,801	442	- 3,297
Non-official			
Foreign investment in Australia	28,174	17,796	18,109
Australian investment abroad	- 11,417	- 3,703	- 1,486
Total non-official	16,757	14,093	16,623
<b>Balance on capital account</b>	<b>18,558</b>	<b>14,535</b>	<b>13,326</b>
<b>Balancing item(s)</b>	<b>- 84</b>	<b>7,688</b>	<b>2,266</b>

(a) In principle, the net sum of all credit and debit entries is zero. In practice, some transactions are not measured accurately (errors), while others are not measured at all (omissions). Equality between the sum of the credit and debit entries is brought about by the inclusion of a balancing item which reflects net errors and omissions.

Source: *Balance of Payments, Australia, July 1991* (5301.0) and *Balance of Payments, Australia, June Quarter 1991* (5302.0).

**AVERAGE EXCHANGE RATES**

	<i>Financial year ending 30 June</i>		
	1989	1990	1991
Period average			
United States dollar	0.8180	0.7697	0.7853
United Kingdom pound	0.4755	0.4733	0.4240
West German mark	1.512	1.367	1.248
Japanese yen	106.95	113.27	107.60
Special drawing right	0.6244	0.5958	0.5656

Source: Reserve Bank of Australia.

**EXPORTS OF GOODS AND SERVICES (BALANCE OF PAYMENTS BASIS) AT AVERAGE 1984-85 PRICES  
(\$ million)**

	1988-89	1989-90	1990-91
Rural exports f.o.b.			
Meat and meat preparations	1,866	2,240	2,533
Cereal grains and cereal preparations	2,542	2,878	2,850
Sugar, sugar preparations and honey	675	657	591
Wool and sheepskins	2,916	2,215	2,175
Other (dairy produce, fruit, etc.)	3,140	3,210	3,520
Total rural	11,139	10,998	11,669
Non-rural exports f.o.b.			
Metal ores and minerals	5,311	5,224	5,741
Mineral fuels			
Coal, coke and briquettes	5,319	5,671	6,135
Other	2,250	3,235	4,105
Metals			
Gold	2,060	2,335	3,110
Other metals	2,856	3,178	3,546
Machinery	1,664	2,233	2,856
Transport equipment	839	1,021	1,669
Manufactures n.e.c.	2,391	2,895	3,192
Other non-rural	943	1,071	1,291
Total non-rural	23,633	26,863	31,645
Total exports f.o.b.	34,772	37,861	43,314
Exports of services	8,485	8,572	9,148
<b>Total exports of goods and services</b>	<b>43,257</b>	<b>46,433</b>	<b>52,462</b>

Source: *Balance of Payments, Australia, June Quarter 1991* (5302.0).

**IMPORTS OF GOODS AND SERVICES (BALANCE OF PAYMENTS BASIS) AT AVERAGE 1984-85 PRICES  
(\$ million)**

	1988-89	1989-90	1990-91
Food, beverages and tobacco	1,943	1,991	2,026
Fuels	3,821	3,802	3,450
Chemicals (incl. plastics)	3,779	4,016	3,979
Textiles, fabrics, etc.	1,572	1,455	1,388
Metals and metal manufactures	1,813	1,830	1,659
Machinery	13,828	15,299	14,851
Transport equipment	5,152	5,626	5,601
Manufactures n.e.c.	7,416	7,443	7,186
Other imports	2,190	2,012	1,817
<i>Total imports f.o.b.</i>	<b>41,314</b>	<b>43,274</b>	<b>41,957</b>
of which			
Exogenous	5,731	5,821	5,584
Endogenous			
Consumption goods	8,993	9,265	9,431
Capital goods	10,042	11,000	10,381
Other goods	16,548	17,388	16,561
<i>Total endogenous</i>	<b>35,583</b>	<b>37,653</b>	<b>36,373</b>
Imports of services	11,724	12,537	11,861
<b>Total imports of goods and services</b>	<b>53,038</b>	<b>55,811</b>	<b>53,818</b>

Source: *Balance of Payments, Australia, June Quarter 1991* (5302.0).

**EXPORTS AND IMPORTS, BY COUNTRY**  
**(\$ million)**

Country	1988-89		1989-90		1990-91	
	Exports	Imports(a)	Exports	Imports	Exports	Imports
<b>Association of South-East Asian Nations (ASEAN)</b>						
Brunei	11	32	14	24	16	41
Indonesia	734	418	1,036	441	1,435	784
Malaysia	741	687	923	658	991	732
Philippines	411	165	489	150	436	129
Singapore	1,473	1,090	1,960	1,213	2,775	1,271
Thailand	473	420	568	479	869	505
Total ASEAN	3,843	2,814	4,990	2,965	6,322	3,461
<b>European Community (EC)</b>						
Belgium-Luxembourg	367	403	498	434	447	380
Denmark	70	202	79	251	88	207
France	975	1,267	875	1,186	784	1,233
Germany	1,113	2,970	1,259	3,443	1,055	3,115
Greece	64	77	48	68	32	45
Ireland	8	171	16	186	16	198
Italy	1,019	1,374	1,048	1,635	920	1,390
Netherlands	681	801	1,059	520	989	550
Portugal	51	58	48	61	34	52
Spain	195	209	227	219	197	204
United Kingdom	1,524	3,454	1,735	3,356	1,779	3,302
Total EC	8,048	10,785	6,890	11,336	6,340	10,678

For footnotes see end of table.

**EXPORTS AND IMPORTS, BY COUNTRY — continued**  
**(\$ million)**

Country	1988-89		1989-90		1990-91	
	Exports	Imports(a)	Exports	Imports	Exports	Imports
Canada	709	1,067	729	1,228	819	902
China	1,231	1,026	1,195	1,241	1,319	1,503
Hong Kong	1,889	886	1,326	847	1,566	741
Japan	11,855	9,757	12,847	9,872	14,443	8,854
Korea, Republic of	2,184	1,262	2,685	1,254	3,256	1,255
New Zealand	2,221	1,970	2,610	2,173	2,566	2,150
Papua New Guinea	782	105	842	235	767	584
Switzerland	349	497	738	567	1,261	865
Taiwan	1,567	1,920	1,831	1,946	1,953	1,752
United States of America	4,448	10,130	5,380	12,373	5,790	11,478
Other countries	6,404	4,819	7,200	5,293	6,050	4,896
<b>Total</b>	<b>43,529</b>	<b>47,040</b>	<b>49,265</b>	<b>51,333</b>	<b>52,455</b>	<b>48,919</b>

(a) Due to changes in Customs' valuation, import data for periods prior to 1 July 1989 are not fully comparable with data for later periods.

Source: Foreign Trade, Australia: Merchandise Exports, June 1991 (5432.0) and Foreign Trade, Australia: Merchandise Imports, June 1991 (5433.0).

### EXPORTS OF MAJOR COMMODITIES, 1990-91

<i>Commodity description and SITC code</i>	<i>\$ million</i>
Coal, whether or not pulvressed but not agglomerated (321)	6,389
Gold, non-monetary (excl. gold ores and concentrates) (971)	3,700
Alumina (aluminium oxide) (285.20)	2,733
Meat of bovine animals, fresh, chilled or frozen (011.11-22)	2,587
Iron ore concentrates and agglomerates (excl. roasted iron pyrites) (281.50,60)	2,560
Aluminium (684)	2,146
Wool, greasy (incl. fleece-washed wool) (268.11,19)	2,107
Petroleum oils and oils obtained from bituminous minerals, crude (333)	1,786
Wheat (incl. spelt) and meslin unmilled (041)	1,783
Petroleum products (334,335)	1,424
Gas, natural and manufactured (34)	1,002
<i>Total major commodities(a)</i>	<i>28,227</i>
<b>Total exports</b>	<b>52,455</b>

(a) Excludes commodities subject to a 'No Commodity Details' restriction. For further information see the confidentiality appendices in ABS Foreign Trade publications.

Source: *Foreign Trade, Australia: Merchandise Exports, June 1991* (5432.0).

### IMPORTS OF MAJOR COMMODITIES, 1990-91

Commodity description SITC code	\$ million
Aircraft and associated equipment; spacecraft (incl. launch vehicles) and parts thereof (792)	2,717
Passenger motor vehicles (other than public transport type) (781)	2,217
Automatic data processing machines and units thereof (752)	1,873
Petroleum oils and oils obtained from bituminous minerals, crude (333)	1,502
Petroleum oils and oils obtained from bituminous minerals (other than crude) (334)	1,415
Parts and accessories for office and automatic data processing machines (759)	1,230
Paper, paperboard and articles of paper pulp, of paper or of paperboard (64)(a)	1,158
Plastics in primary and non-primary forms (57.58)(a)	1,034
Motor vehicles for the transport of goods (782.10)	1,019
Organic chemicals (51)(a)	1,007
 <i>Total major commodities(a)</i>	 15,170
 <i>Total imports</i>	 48,919

(a) Excludes commodities subject to a 'No Commodity Details' restriction. For further information see the confidentiality appendices in ABS Foreign Trade publications.

Source: *Foreign Trade, Australia: Merchandise Imports, June 1991* (5433.0).

**FOREIGN INVESTMENT SUMMARY, 1989-90**  
 (\$ million)

Year	Levels of investment at beginning of year	Reinvest- ment of earnings of direct investors	Changes in levels of investment during the year				Levels of investment at end of year	Invest- ment income (a)	
			Other transac- tions	Exchange rate variations	Other changes	Total			
FOREIGN INVESTMENT IN AUSTRALIA									
Equity	84,804	1,536	5,261	74	1,519	8,390	93,194	5,511	
Borrowing	145,370	...	15,073	- 1,220	- 1,907	11,946	157,317	14,244	
Other investment	7,254	...	- 1,390	128	213	- 1,049	6,205	377	
<i>Total</i>	<i>237,429</i>	<i>1,536</i>	<i>18,944</i>	<i>- 1,017</i>	<i>- 176</i>	<i>19,287</i>	<i>256,716</i>	<i>20,133</i>	
AUSTRALIAN INVESTMENT ABROAD									
Equity	48,302	1,591	1,237	264	572	3,665	51,967	2,162	
Reserve assets	20,410	...	2,156	- 375	- 320	1,481	21,871	1,261	
Lending	8,974	...	982	29	- 1,227	- 216	8,758	485	
Other investment	7,724	...	- 21	- 17	705	687	8,391	156	
<i>Total</i>	<i>85,411</i>	<i>1,591</i>	<i>4,354</i>	<i>- 99</i>	<i>- 271</i>	<i>5,576</i>	<i>90,987</i>	<i>4,062</i>	

For footnotes see end of table.

**FOREIGN INVESTMENT SUMMARY, 1989-90 — continued**  
**(\$ million)**

Year	Levels of investment at beginning of year	Reinvest- ment of earnings of direct investors	Changes in levels of investment during the year				Levels of investment at end of year	Invest- ment income (a)	
			Other transac- tions	Exchange rate variations	Other changes	Total			
INTERNATIONAL INVESTMENT POSITION AND INCOME(b)									
Net equity	36,502	- 56	4,024	- 190	947	4,725	41,227	3,349	
Net foreign debt(c)	115,986		11,935	- 874	- 360	10,701	126,688	12,499	
Other investment	- 470		- 1,369	145	- 492	- 1,716	- 2,186	222	
<b>Total</b>	<b>152,018</b>	<b>- 56</b>	<b>14,590</b>	<b>- 918</b>	<b>95</b>	<b>13,711</b>	<b>165,729</b>	<b>16,071</b>	

(a) Includes reinvested earnings of director investors. (b) Foreign borrowing by Australian residents less the sum of reserve assets and Australian lending abroad.

Source: International Investment Position, Australia (5305.0).

**LEVELS OF FOREIGN DEBT**  
**(\$ million)**

	At 30 June		
	1988	1989	1990
<b>FOREIGN BORROWING (GROSS DEBT)</b>			
<b>Official</b>			
Commonwealth Government and Reserve Bank	22,909	18,607	19,360
State government	10,627	18,584	19,412
<i>Total official</i>	<i>33,536</i>	<i>37,192</i>	<i>38,772</i>
<b>Non-official</b>			
Financial enterprises			
Public sector	10,843	16,357	19,961
Private sector	24,031	31,343	36,201
<i>Total</i>	<i>34,873</i>	<i>47,700</i>	<i>56,183</i>
Trading enterprises			
Public sector	12,739	11,439	11,951
Private sector	41,654	49,040	50,411
<i>Total</i>	<i>54,393</i>	<i>60,479</i>	<i>62,362</i>
<i>Total non-official</i>	<i>89,266</i>	<i>108,178</i>	<i>118,544</i>
<b>Total</b>	<b>122,802</b>	<b>146,370</b>	<b>157,317</b>
<b>AUSTRALIAN LENDING ABROAD AND RESERVE ASSETS</b>			
<b>Official</b>			
Reserve assets	20,182	20,410	21,871
Lending	649	914	849
<i>Total official</i>	<i>20,831</i>	<i>21,324</i>	<i>22,720</i>
<b>Non-official</b>			
Financial enterprises	4,887	7,469	9,756
Trading enterprises	1,232	592	- 1,847
<i>Total non-official</i>	<i>6,119</i>	<i>8,061</i>	<i>7,909</i>
<b>Total</b>	<b>26,951</b>	<b>29,384</b>	<b>30,629</b>
<b>NET FOREIGN DEBT(a)</b>			
<b>Official</b>	<b>12,705</b>	<b>15,868</b>	<b>16,052</b>
<b>Non-official</b>			
Financial enterprises	29,986	40,231	46,427
Trading enterprises	53,161	59,887	64,209
<i>Total non-official</i>	<i>83,147</i>	<i>100,118</i>	<i>110,636</i>
<b>Total</b>	<b>95,851</b>	<b>115,986</b>	<b>126,888</b>

(a) Foreign borrowing by Australian residents less the sum of Australian lending abroad and reserve assets.

Source: *International Investment Position, Australia* (5305.0).

**FOREIGN INVESTMENT IN AUSTRALIA, BY COUNTRY**  
**(\$ million)**

Country of investor	1987-88	1988-89	1989-90
CAPITAL TRANSACTIONS			
OECD — USA	675	6,154	1,837
Japan	7,080	7,416	6,133
Switzerland	667	383	573
EEC	7,637	3,839	826
Other OECD	1,642	779	- 161
Total OECD	17,701	18,572	9,209
ASEAN	89	- 1,015	587
Other countries	2,032	2,285	617
International capital markets	5,190	7,945	8,101
International institutions	- 71	- 259	- 30
Unallocated	2,810	3,679	1,996
<b>Total</b>	<b>27,752</b>	<b>31,207</b>	<b>20,480</b>
INVESTMENT INCOME			
OECD — USA	3,597	3,490	4,291
Japan	1,790	2,669	3,746
Switzerland	387	479	538
EEC	3,521	4,693	5,071
Other OECD	362	182	304
Total OECD	9,639	11,513	13,948
ASEAN	480	652	664
Other countries	333	696	860
International capital markets	1,557	2,497	3,852
International institutions	22	18	34
Unallocated	1,078	916	972
<b>Total</b>	<b>13,108</b>	<b>16,293</b>	<b>20,132</b>
LEVELS OF INVESTMENT AT END OF YEAR			
OECD — USA	40,108	47,183	46,386
Japan	29,512	38,163	45,364
Switzerland	7,403	7,129	8,022
EEC	63,255	67,950	68,076
Other OECD	8,245	10,981	9,260
Total OECD	148,522	171,406	177,107
ASEAN	8,170	7,445	7,749
Other countries	8,245	11,318	11,957
International capital markets	26,050	34,562	44,137
International institutions	239	287	257
Unallocated	8,266	12,410	15,508
<b>Total</b>	<b>199,492</b>	<b>237,429</b>	<b>256,718</b>

Sources: *International Investment Position, Australia (5305.0)*.

**AUSTRALIAN INVESTMENT ABROAD, BY COUNTRY**  
 (\$ million)

<i>Country of Investment</i>		1987-88	1988-89	1989-90
CAPITAL TRANSACTIONS				
OECD —	USA	2,451	6,858	2,589
	New Zealand	1,319	601	2,655
	UK	5,089	2,087	1,418
	Other OECD(a)	2,870	2,309	918
	Total OECD	11,529	11,835	7,580
ASEAN		- 108	797	732
	Papua New Guinea	404	178	85
	Other countries	2,420	- 403	- 1,358
	Unallocated	2,257	241	- 1,095
	<b>Total</b>	<b>16,502</b>	<b>12,549</b>	<b>5,945</b>
INVESTMENT INCOME				
OECD —	USA	686	1,335	1,990
	New Zealand	319	306	946
	UK	676	710	- 31
	Other OECD(a)	640	514	59
	Total OECD	2,322	2,865	2,965
ASEAN		113	138	202
	Papua New Guinea	3	79	- 5
	Other countries	1,044	531	656
	Unallocated	143	146	244
	<b>Total</b>	<b>3,624</b>	<b>3,759</b>	<b>4,062</b>
LEVELS OF INVESTMENT AT END OF YEAR				
OECD —	USA	20,963	25,248	33,990
	New Zealand	4,732	5,130	6,880
	UK	13,032	15,515	17,811
	Other OECD(a)	14,804	19,622	13,279
	Total OECD	53,532	65,515	71,960
ASEAN		1,495	1,882	3,213
	Papua New Guinea	1,725	1,494	1,556
	Other countries	9,011	7,855	5,532
	Reserve Bank gold(b)	4,509	3,851	3,541
	Unallocated	2,908	4,804	5,185
	<b>Total</b>	<b>73,179</b>	<b>85,411</b>	<b>90,987</b>

(a) The foreign exchange part of reserve assets, with the exception of those held in the USA, are not available by country and are therefore included in 'Other OECD'. (b) Gold held by the Reserve Bank as part of reserve assets which cannot be allocated by country.

Source: International Investment Position, Australia (5305.0).



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## **FOR MORE INFORMATION**

The ABS has a far wider range of information on Australia than that contained in the *Pocket Year Book*. Information is available in the form of regular publications, electronic data services, special tables and from investigations of published and unpublished data.

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